Solum House
Unit 1 Elliott Court
St. Johns Road
Meadowfield
Durham, DH7 8PN

Tel: (0191) 378 6380

e-mail: admin@arc-environmental.com
www.arc-environmental.com

PHASE 1: DESK TOP STUDY AND COAL MINING RISK ASSESSMENT REPORT

DUDLEYS CONSULTING ENGINEERS

PROPOSED CARE FACILITIY

CORONATION TERRACE

WILTON GARDENS SOUTH

BOLDON COLLIERY

SOUTH TYNESIDE

NE35 9HW

Project No: 24-634

Prepared By: [redacted]

Ben Edmonds
Date: 27/09/2024

Approved By: [redacted]

John Ditchburn
Date: 27/09/2024

The information and / or advice contained in this Phase 1: Desk Top Study and Coal Mining Risk Assessment Report is based solely on, and is limited to, the boundaries of the site, the immediate area around the site, and the historical use(s) unless otherwise stated. This 'Report' has been prepared to collate information relating to the physical, environmental, and industrial setting of the site, and to highlight, where possible, the likely problems that might be encountered when considering the future development of this site for the proposed end use. All comments, opinions, diagrams, cross sections and / or sketches contained within the report, and / or any configuration of the findings is conjectural and given for guidance only and confirmation of the anticipated ground conditions should be considered before development proceeds. Agreement for the use or copying of this report by any Third Party must be obtained in writing from Arc Environmental Limited (ARC). If a change in the proposed land use is envisaged, then a reassessment of the site should be carried out.

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1.0 Introduction September 2024

Arc Environmental Limited were instructed by Dudleys Consulting Engineers, to undertake a Phase 1: Desk Top Study (DTS) & Coal Mining Risk Assessment (CMRA) Report, for a parcel of land at Coronation Terrace, Wilton Gardens South, Boldon Colliery where it is proposed to develop the site into a specialist care centre with an amenity area and garden.

The primary objectives of this report are to assess the geological, geotechnical, and potential ground contamination conditions on and beneath the surface of this site. The Phase 1: DTS and CMRA Report has been carried out generally in accordance with the EA (Environment Agency) guidance for Land Contamination Risk Management (LCRM: October 2020). Based on all the data reviewed, a preliminary Conceptual Site Model (CSM) has been developed to define the scope and extent of any further investigation works deemed necessary, prior to commencing with any future development works.

A site reconnaissance (walkover) survey was completed as part of this study with site photographs included within Appendix I, and all relevant observations noted in Section 2.1 below.

2.0 Physical Setting

2.1 Site Details: -

Table 2.1

Site Name & Address:	Coronation Terrace, Wilton Gardens South, Boldon Colliery, NE35 9HW
National Grid Reference:	434350, 562330 (Representative of the central part of the site).
Description of Location:	The site is located c.780m to the north of Boldon Leisure park, between Wilton Gardens South and Brockley Terrace.
Site Boundaries:	N = Coronation Terrace, E = Brockley Terrace with residential properties beyond, S = An unnamed road with an area of soft landscaping and residential / commercial properties, W = Wilton Gardens South with residential properties beyond.
Site Shape:	The site is irregular in shape and occupies a total area of c.0.08Ha.
General Topography:	The site sits level at c.30m AOD.
Above Ground Structures	There is a steel column in the northern portion of the site and with heras fencing around the site perimeter.
Below Ground Structures & Services:	Underground services and structures are anticipated associated with previous and adjacent site developments with a possible basement associated with the former working men's club.
Site Surfacing:	The site surfacing comprises demolition rubble of bricks, glass, wood etc with some relic foundations evident.
Summary of Historical Site Information:	The earliest recorded mapping of the site (c.1857) records the site as undeveloped agricultural land until c.1919 when the majority of the site is covered by a building with a terrace house recorded in the northern portion of the site. The building covering the majority of the site is then recorded as an institute (c.1938). During the war local records show the site as being destroyed by a bomb (c.1943). The next recorded mapping of the site (c.1952) shows that the entire site is covered with one building labelled as the Bolden Colliery Working Men's Club and Social Insititue. The site remains unchanged until between c.2015 to c.2024 with the building demolished sometime before c.2024.

3.0 Environmental Setting

3.1 Site Geology: -

The geological assessment for this site has been based on geological plans and digital online data published by the British Geological Survey (BGS). The following documents have been reviewed as part of this study: -

- Online BGS Geology of Britain Viewer
- BGS Sheet 21, Sunderland, Solid and Drift, 1:50,000 scale, 1978

3.0 Environmental Setting (Cont'd)

3.1 Site Geology (Cont'd): -

- BGS NZ36SW, Solid and Drift, 1:10,560 scale map, 1973
- Coal Authority Online Interactive Map Viewer
- Coal Authority Consultants Coal Mining Report: 51003447927001
- Archive BGS Trial Pit and Boreholes (NZ36SW14476_TP2, 1075)
- Landmark Envirocheck Report (Ref. 357209385_1_1)

3.1.1 Made Ground: -

According to published BGS data, the site is not recorded to be underlain by significant thicknesses of made ground. Historic maps record a residential property and the former club on site resulting in made ground being present with potential deeper made ground associated with a potential cellar (if present).

3.1.2 Superficial Deposits: -

Published geological maps produced by BGS indicated that the underlying superficial deposits are comprised of the Pelaw Clay Member which comprise reddish-brown to dark brown silty clay containing well dispersed pebbles and cobbles. Which overlies Glacial Till which are likely to comprise firm and stiff sandy, gravelly clay deposits often containing cobbles and boulders, and lenses of sand.

According to the BGS 1:10,560 scale map (NZ36SW) and BGS historic borehole records surrounding the site, the thickness of the drift ranges between c.5m to c.30m surrounding the site comprising firm becoming stiff with depth brown sandy gravelly clay.

3.1.3 Solid Geology: -

According to BGS the underlying solid geology is shown to comprise the Middle Coal Measures which comprise interbedded grey mudstone, siltstone, pale grey sandstone, and productive coal seams.

3.2 Coal Mining Risk Assessment: -

The BGS 1:10,560 scale map Ref. NZ36SW records a fault in the Maudlin Coal Seam at depth below the site traversing from east to west down throwing 60m – 70m to the southeast.

Based on stratigraphic location, i.e., just below the Down Hill Marine Band, the shallowest seam of significance is calculated as the Bottom Hebburn Fell at c.130m below the site. The Bottom Hebburn Fell is anticipated to be present at depth below the site area of at least c.130m, with a maximum thickness of c.1.62m. Therefore at this stage it is felt that the mechanisms for future ground subsidence and crown hole failures occurring in the future as a direct result of shallow mining activities below the site is deemed to be negligible.

According to the Coal Authority (CA) Online Interactive Map Viewer, records the site lying within a Coal Mining Reporting Area. However, the site does not lie within a defined 'Development High Risk Area' (DHRA), or an 'Area of Past / Probable Shallow Coal Mine Workings'.

To assist with this risk assessment, a Coal Authority Consultants Coal Mining Report (Ref. 51003447927001) was obtained for this site, a copy of which is attached in Appendix II.

The shallowest recorded coal mine workings beneath the site are within the Mauldin Coal Seam at c.398m below the site with an extraction thickness of c.1.70m which was last worked in c.1930.

3.0 Environmental Setting (Cont'd)

3.2 Coal Mining Risk Assessment (Cont'd): -

From information included within the Consultants Coal Mining Report, the site is not in an area of probable unrecorded shallow workings, and there are no mine entries recorded within c.100m to the site.

In addition, the CA report confirms that there are no spine roadways recorded at shallow depths, no remediated sites or mine gas emissions within c.500m of the site boundary.

There are no recorded gas incidents, that required investigation though there is an area of Mine Gas Remedial Works c.280m to the east of the site.

The site does not lie within the Cheshire Brine Subsidence Compensation District, therefore the risk to subsidence due to brine extraction is considered negligible.

In accordance with CLAIRE Good Practice for Risk Assessment for Coal Mine Gas Emissions, October 2021, figure 13.1 decision support tool for mine gas risk assessment the site is considered to be at low risk from potential mine gases.

When considering the above, no further assessment by means of intrusive investigation works is required with regard to potential shallow unrecorded coal workings.

3.3 Potential Geological Hazards: -

Table 3.1

Potential Geological Hazard:	Hazard Potential Rating:
Collapsible Soils:	Very low.
Compressible Soils:	No hazard.
Ground Dissolution:	No hazard.
Land Slip:	Very low.
Running Sand:	No hazard.
Shrinkable Soils:	Low.

3.4 Site Hydrogeology: -

- There are no recorded source protection zones on or within c.500m of the site.
- There are no water abstractions recorded on or within c.1km of the site.

Table 3.2

STRATA	Aquifer / Soil Leachability EA Classification	Comments
Groundwater Vulnerability:	Secondary Superficial Aquifer: Low vulnerability.	Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300 – 550mm/year Superficial thickness: >10m
Soluble Rock Risk:	None	~
Superficial Aquifer: (Pelaw Clay Member)	Unproductive Strata.	These are largely unable to provide usable water supplies and are unlikely to have surface water and wetland ecosystems dependent on them.
Bedrock Aquifer: (Seventy Fathom Post Member)	Secondary Aquifer – A.	These aquifers comprise permeable layers that can support local water supplies and may form an important source of base flow to rivers.

3.0 Environmental Setting (Cont'd)

3.5 Site Hydrology: -

Table 3.3

SURFACE WATER FEATURE	Location	Comments
OS Water Network & GQA Classified River:	None recorded within c.250m.	~
Unclassified Watercourse(s), Canals, Ponds, Lakes & Other Bodies of Water:	None recorded within c.250m.	~
Flooding from River or Sea: (Fluvial)	The site does not fail within a designated flood zone II or III.	The EA considers the site to be in an area with a very low risk of fluvial flooding (<0.1% annual chance). The whole of the site is categorised in a Flood Zone 1 (with a low probability of flooding from rivers).
Surface Water Flooding: (Pluvial)	The published EA data shows that the site lies within an area of very low risk of pluvial flooding.	The EA considers the majority of the site to be in an area with a very low risk of pluvial flooding (<0.1% annual chance).
Groundwater Flooding at Surface (BGS):	The site is recorded within an area where there is no potential for groundwater flooding to occur.	Information obtained from landmark, including published maps indicating there is no potential for groundwater flooding to occur, proposed by the British Geological Survey (BGS). This information is based on areas which may be potentially influenced by geological factors.
RAINFALL	**Measurements (mm)**	**Comments**
Annual:	608.26	Based on station average measurements from Tynemouth during 1991 to 2020.
Rainfall: Min (Mar)	39.21	
Rainfall: Max (Nov)	70.51	

3.6 Radon Assessment: -

According to the Envirocheck Report, the site is recorded to lie in an area of lower probability where less than 1% of homes are above the action level, in accordance with the BGS, National Geoscience Information Service, and their assessment suggests that no radon protection measures are necessary for the site.

The BRE Digest, BR211 (2015) Radon: Guidance on Protective Measures for New Buildings, records the site to be situated within a clear grid square (1km) meaning that no radon protection measures are required. With reference to BGS / UK Radon mapping (dated December 2022), the site falls in a 1km grid square where some parts are in a band of the low radon potential with a maximum radon potential of 1 – 3%. Therefore, it is felt that no radon protection measures are required.

3.7 Site Ecology: -

Table 3.4

FEATURES	Location	Comments
Local Nature Reserves:	None recorded within c.250m.	~
Areas of Adopted Green Belt:	None recorded within c.250m.	~
Special Protection Areas:	None recorded within c.250m	~
Nitrate Vulnerable Zone:	None recorded within c.250m.	~
World Heritage Sites:	None recorded within c.250m.	~
Sites of Special Scientific Interest:	None recorded within c.250m.	~

3.0 Environmental Setting (Cont'd)

3.7 Site Ecology (Cont'd): -

Table 3.4 (Cont'd)

FEATURES	Location	Comments
Environmentally Sensitive Areas:	None recorded within c.250m.	~
Ramsar Sites:	None recorded within c.250m.	~
Special Areas of Conservation:	None recorded within c.250m.	~

There was no visual evidence to suggest that the site is affected by the presence of invasive weed species such as Japanese Knotweed, Giant Hogweed or Himalayan Balsam, at the time of the recent site survey, although a site-specific survey has not been carried out. Therefore, site awareness during future investigation works and during the construction phase for any potential invasive weed species would be considered prudent.

3.8 Estimated Soil Chemistry: -

Data provided by the BGS in relation to estimated soil chemistry for several key metals and metalloid elements is summarised in Table 3.5 below. Note: the references to the anticipated background concentrations of contaminants, sourced from the BGS, should not be relied upon. They are not site-specific and do not represent the condition of the ground at the proposed development site.

Table 3.5

Element	Soil Sample Type	Estimated Soil Concentrations (mg/kg)
Arsenic	Sediment.	<15
Cadmium	Sediment.	<1.8
Chromium (total)	Sediment.	60 – 90
Lead	Sediment.	<100
Nickel	Sediment.	15 – 30

4.0 Industrial Setting: -

4.1 Site History: -

Copies of historical OS maps covering the site area & adjacent land are included in Appendix III and a summary of the site history based on these plans, is provided in Table 4.1 below and continued on the following page.

Table 4.1

Significant features / potential contamination sources highlighted in **bold.**

Date	Site	Adjacent Areas
c.1857 to c.1895	The site is recorded as undeveloped agricultural land.	To the north, south and west farmland is recorded. To the east **Harden Farm** is recorded c.100m from the site with a **pond** recorded within the farm c.80m from the site.
c.1897 to c.1898	There are no significant changes to the site.	To the north a **spoil mound** recorded between c.70m to c.120m from the site. To the east two **reservoirs** are recorded c.240m from the site. To the southeast of the site the **Colliery Inn** is recorded c.60m with **Boldon Colliery** recorded between c.140m to c.500m from the site with multiple **railway lines** recorded within the **colliery complex**. To the south of the site two **Methodist churches** and **residential properties** are recorded. To the west of the **allotment gardens** are recorded between c.110m to c.250m.

4.0 Industrial Setting (Cont'd): -

4.1 Site History (Cont'd): -

Table 4.1 (Cont'd)

Significant features / potential contamination sources highlighted in **bold.**

Date	Site	Adjacent Areas
c.1919 to c.1921	The majority of the site is covered by a building and a terrace house recorded in the northern portion of the site.	To the north the **spoil mound** is no longer recorded and **residential properties** are recorded. To the east of the site the **pond** is no longer recorded, and a **movie theatre** is recorded on top of the **former pond**. To the west a **football ground** is recorded between c.10m to c.80m from the site.
c.1938 to c.1939	The **building** covering the majority of the site is recorded as an **institute**.	To the northeast of the site **allotment gardens** are recorded between c.50m to c.250m. To the west of the site the **football ground** is no longer recorded.
c.1943	Historic records recorded the **institute** as being **destroyed** by a **bomb*.**	There are no significant changes to the surrounding area.
c.1952 to c.1957	The terrace house in the northern portion is no longer recorded and the **institute** is now recorded as **Boldon Colliery Working Men's Club and Social Insititue** which is expanded covering the entirety of the site.	To the west and northwest **residential properties** are recorded between c.10m to c.230m from the site.
c.1958 to c.1969	There are no significant changes to the site.	There are no significant changes to the surrounding area.
c.1975 to c.1992	There are no significant changes to the site.	More residential properties are recorded surrounding the site within c.250m. **Boldon Colliery** and the **railway lines** are no longer recorded to the southeast local records state that the **colliery** was closed c.1982.
c.1993 to c.2006	There are no significant changes to the site.	There are no significant changes to the surrounding area.
c.2015 to c.2024	The **Working Men's Club** is no longer recorded on site (**demolished**).	There are no significant changes to the surrounding area.

***Boldon Wartime Memories: - Sunderland Daily Echo 1943**

4.2 Statutory Requirements / Authorisations: -

Table 4.1

TYPE	Location	Comments
Enforcement and Prohibition Notices:	None recorded within c.250m.	~
Integrated Pollution Controls:	None recorded within c.250m.	~
Local Authority Pollution Prevention and Controls:	None recorded within c.250m.	~
Prosecutions Relating to Authorised Processes:	None recorded within c.250m.	~
Registered Radioactive Substances:	None recorded within c.250m.	~
COMAH/ Explosive/ NIHHS Sites:	None recorded within c.250m.	~
Planning Hazardous Substances Consents / Enforcements:	None recorded within c.250m.	~

4.0 Industrial Setting (Cont'd): -

4.2 Statutory Requirements / Authorisations (Cont'd): -

Table 4.1 (Cont'd)

TYPE	Location	Comments
Contemporary Trade Entries:	Eleven recorded within c.250m.	EC Ref. 79 relates to T & D Williams Ltd, Electrical goods sales, manufacturers and wholesalers, c.100m to the southwest, status: inactive. Five no. entries are recorded under EC Ref. 80 relating to work units on Hutton Street between c.200m to c.220m to the southeast of the site with four of the entries having a status of inactive, the active entry relates to Moto-Tec MOT Centre Ltd, Mot Testing, c.210m from the site. Five no. entries are recorded under EC Ref. 81 relating to work units on Bensham street and Hutton Street between c.210m to c.250m to the southeast of the site with four of the entries have a status of inactive, the active entry relates to LG MOT, Mot Testing, c.250m from the site.
Fuel Station Entries:	None recorded within c.250m.	~
Points of Interest:	Five recorded within c.250m.	**Commercial Services: -** All five entries are recorded under EC Ref. 110 relating to work units on Hutton Street with the closest being Wrought Iron Shop, Construction Services c.200m to the southeast.

4.3 Landfill & Waste: -

The following information below relating to landfill and waste has been obtained from the Envirocheck Report (attached in Appendix III) site walkover and published data:

- There are no BGS Recorded Landfill, Licensed Waste Management Facilities (Landfill or Location), Integrated Pollution Control Registered Waste Sites, Historical Landfill Sites, Local Authority Recorded Landfill Sites, Registered Waste Transfer, Registered Landfill sites, Coal Authority Managed Tips, Registered Waste Treatment or Disposal Sites recorded within c.250m of the site.
- There is one area of potentially infilled land (Non-Water) recorded under EC Ref. 55 relating to the former colliery site c.120m to the east of the site.
- There are four areas of potentially infilled land (Water) recorded within c.250m of the site EC Ref. 59 relates to a former field drain c.40m to the northeast of the site, EC Ref. 60 relates to a former pond c.80m to the east of the site, EC Ref. 61 relates to a former stream c.180m to the west of the site, EC Ref. 62 relates to a former field drain c.200m to the northeast of the site.

Following a review of OS maps and other site-specific data, the risk of hazardous ground gas production / migration is considered very low to low in connection with made ground on site and infilled ground within c.250m of the site. Nonetheless, an intrusive investigation with the installation of wells within boreholes for gas monitoring as governed by CIRIA C665 / BS8485:2015+A1:2019 is required to confirm the level of risk.

4.4 Unexploded Ordnance (UXO) Risk: -

According to the Unexploded Bomb Risk Map produced by ZeticaUXO, the site lies within a **Low-risk** area in terms of unexploded ordnance (areas indicated as having 15 bombs per 1000acre or less). Therefore, it is thought that a detailed UXO report is not required. A copy of the ZeticaUXO Unexploded Bomb Risk Map can be seen attached in Appendix III.

4.0 Industrial Setting (Cont'd): -

4.5 Pollution Incidents and Discharge Consents: -

Table 4.2

TYPE	Location	Comments
Discharge Consents:	None recorded within c.250m.	~
Prosecutions Relating to Controlled Waters:	None recorded within c.250m.	~
Pollution Incidents to Controlled Waters:	None recorded within c.250m.	~
Water Industry Act Referrals:	None recorded within c.250m.	~
Substantiated Pollution Incident Register:	None recorded within c.250m.	~

5.0 Conceptual Site Model (CSM)

The Conceptual Site Model (CSM) is one of the primary planning tools that can be used to support the decision-making process of managing contaminated land and groundwater on any given site and allows a better understanding of what needs to be done to achieve risk management, and from this appropriate remediation techniques, if required for those risk management goals can be chosen.

This can be done by undertaking a *source-pathway-receptor* analysis of the site. The anticipated sources, pathways and receptors for this site are summarised in Table 5.1 below are a graphical representation of the preliminary CSM has been produced for this site and is attached in Appendix IV.

Table 5.1 *= Not included in the Human Health & Controlled Waters Risk Assessment.

	Sources (S)		*Pathways (P)*		*Receptors (R)*
S1	Potential made ground associated with the previous site developments.	**P1**	Ingestion & Dermal Contact.	**R1**	Human health - future end users (construction workforce and residents).
		~~**P2**~~	~~Plant uptake and attached soils.~~		
S2	Potential hazardous ground gas production from infilled land surrounding the site.	**P3**	Air-inhalation of vapours and direct contact with dust.	**R2**	Controlled Waters: Groundwater within the underlying superficial deposits (Unproductive Strata) and solid geology (Secondary aquifer – A).
		P4	Migration through existing services / permeable strata.		
		P5	Direct contact with building Materials.	**R3**	Adjacent sites.
				R4*	Building materials.
		P6	Surface runoff, infiltration & leachate migration.	**R5***	Flora and fauna.

5.1 Geotechnical Considerations: -

The following potential geotechnical issues and hazards have been identified for this site, and these issues should be considered before future development of the site is to take place:

- Made Ground with potential deeper areas associated with a potential cellar from the former working men's club
- Geotechnical parameters of the natural superficial soils including identifying suitable load bearing founding strata.
- Control of surface water drainage.
- Stability of excavations.

5.0 Conceptual Site Model (CSM) (Cont'd)

5.1 Geotechnical Considerations (Cont'd): -

- Chemical attack on buried concrete (pH and sulphate testing)

The information reviewed indicates that the site can be considered as being located within a **LOW – MODERATE** geotechnical risk setting for the intended development outlined.

To determine the geotechnical considerations above with more certainty, it is recommended that a programme of intrusive geotechnical investigation works is undertaken on this site with associated in-situ geotechnical testing, to aid in assessing the extent of any potential issues prior to commencing with any development in the future, if any proposed structures, buildings etc.

5.2 Sources of Contamination and Probable Contaminants

The historical Ordnance Survey maps, Landmark Envirocheck Report and other environmental information reviewed indicates that the site was developed from as early as c.1919 with an institute covering the majority of the site and a residential property covering the northern portion of the site. The institute later recorded as Boldon Colliery Working Men's Clubs and Social Insititue c.1958 and expanded north removing the residential property and cover the majority of the site with there being no changes to the site until between c.2015 to c.2024 (present day) when the Club was demolished, which will have resulted in made ground being present across the site.

5.2.1 Soils – Human Health: -

In consideration of the above made ground is likely to be present below the site, in order to determine the suitability of any made ground it would be prudent to test selected samples any made ground from this site for the following analytes:

- Generic contamination suite, typically comprising; Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Zinc, Total Organic Carbon, (TOC) and pH.
- Asbestos screening (and quantification if encountered).
- Speciated Polyaromatic Hydrocarbons (PAHs), Total Petroleum Hydrocarbons (TPHs & BTEX).

Waste Acceptance Criteria (WAC) testing may be required to aid with off-site disposal.

It is considered the level of risk posed to human health and local environ overall in connection with any future development is below

The information reviewed indicates that the site can be considered as being located within a **LOW** ground contamination risk setting for Human Health.

5.2.2 Controlled Waters: -

The issues below have been taken into consideration when assessing the risks towards Controlled Waters:

- No surface water features are recorded on or within c.250m of the site.
- There are no recorded source protection zones on or within c.500m of the site.
- There are no water abstractions recorded on or within c.500m of the site.
- The superficial deposits are Unproductive Strata (Pelaw Clay Member over Glacial Till).
- The solid geology is a Secondary Aquifer – A (Seventy Fathom Post Member).

5.0 Conceptual Site Model (CSM) (Cont'd)

5.2 Sources of Contamination and Probable Contaminants (Cont'd)

The information reviewed indicates that the site can be considered as being located within a **NEGLIGIBLE** ground contamination risk setting for Controlled Waters.

6.0 Recommendations for Phase 2: Ground Investigation Works

The conclusions contained within this report have been based on a review of geological plans, historical plans and available environmental data relating to the site and nearby adjacent land and forms the basis of a preliminary risk assessment. The primary benefits of undertaking this report are as follows:

(i) Identify the geotechnical and/or geoenvironmental characteristics of the ground in sufficient detail to quantify the ground contamination risk at the site and for the economic design of any future site / proposed development, construction or associated remedial works.
(ii) Minimise the risk of unforeseen ground conditions which might cause increased costs and / or programme (construction) delays later.

When considering the current development proposals, it is recommended that a programme of Phase 2: Ground Investigation (intrusive investigation) works are completed for this site to provide an assessment of the geo-environmental characteristics of the site. These intrusive investigation works should be completed prior to commencing future development works and should include for the following or a similar scope of investigation works:

- A series of windowless sampling boreholes and mechanically excavated trial pits should be undertaken, including in-situ geotechnical testing (SPT testing, hand shear vanes etc.) and sampling to aid with future foundation design for the proposed development and to collect samples for subsequent laboratory testing. Boreholes should also target the former working men's club footprint to check for a possible cellar. If the boreholes are inconclusive some trenches may be required.
- Installation of combined ground gas and groundwater monitoring wells accompanied by an appropriate number of monitoring visits (in accordance with CIRIA C665 & BS8485), to determine the ground gas and groundwater regime below the site.
- Laboratory geotechnical testing (i.e., liquid, and plastic limit testing, PSDs, pH & soluble sulphate testing, etc.).
- Laboratory contamination screening on selected samples of topsoil recovered from the investigation positions for typical contaminants as detailed in Section 5.2 to assess the risks to Human Health. Samples of soil collected will be forwarded to UKAS and MCERTS accredited laboratory to undertake the recommended testing.
- Interpretive Phase 2: Ground Investigation Report, including a Ground Contamination Risk Assessment.

Prior to site investigation works commencing on site, all existing utilities / services should be identified and recorded, such that any potential damage to services crossing the site can be prevented, as well as ensuring the health and safety of future site workers. If any buildings / structures are proposed, then a reassessment of the above scope of works would be required.

The samples of soil collected should be forwarded to UKAS and MCERTS accredited laboratory to undertake the recommended testing.

END OF REPORT

APPENDIX I

Location Plan

Aerial Photograph

Existing Layout Plan

Proposed Development Layout Plan

Site Photographic Record Sheet

Scale as shown



DUDLEYS CONSULTING ENGINEERS LTD

Project Title:	Drawing Title:

Job Reference:	Drawing Number:	Revision:

Drawn by:	Date:	Scale at A4:

Checked by:	Approved by:	

ARC ENVIRONMENTAL LTD
Solum House
Unit 1 Elliott Court
St. John's Road
Meadowfield
Durham
DH7 8PN
Tel: (0191) 378 6380
e-mail: admin@arc-environmental.com
web: www.arc-environmental.com



ARC ENVIRONMENTAL LTD
Solum House
Unit 1 Elliott Court
St. John's Road
Meadowfield
Durham, DH7 8PN
Tel: (0191) 378 6380
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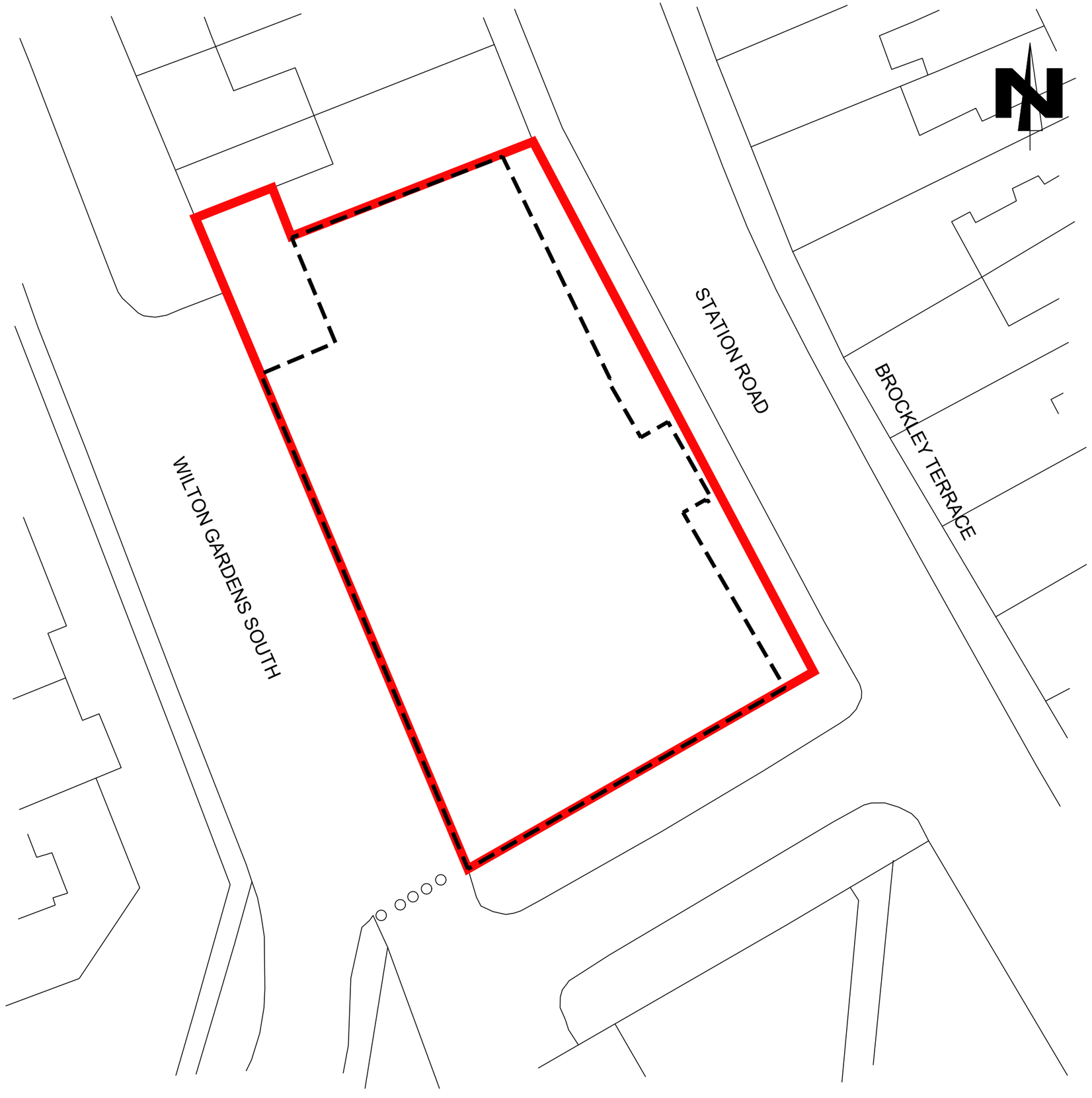
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Project Title:

Drawing Title:

Scale at A3: | Date: | Drawn by: | Approved by:

Job Ref: | Drg no: | Rev:



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Durham, DH7 8PN
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e-mail: admin@arc-environmental.com
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Option 1

Option 2

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Solum House
Unit 1 Elliott Court
St. John's Road
Meadowfield
Durham, DH7 8PN
Tel: (0191) 378 6380
e-mail: admin@arc-environmental.com
web: www.arc-environmental.com

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Plate 1


Plate 2


Plate 3


Plate 4


Plate 5


Plate 6


Plate 7


Plate 8


Plate 9


Plate 10


Plate 11


Plate 12


Plate 13


Plate 14


Plate 15


Plate 16

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Solum House
Unit 1 Elliott Court
St. John's Road
Meadowfield
Durham, DH7 8PN
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e-mail: admin@arc-environmental.com
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Plate 17


Plate 18


Plate 19


Plate 20


Plate 21


Plate 22


Plate 23


Plate 24


Plate 25


Plate 26


Plate 27


Plate 28


Plate 29


Plate 30

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Meadowfield
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Job Ref: | Drg no: | Rev:

APPENDIX II

BGS Archive Borehole Records

Coal Authority Consultants Coal Mining Report

DUNELM DRILLING CO.

BOREHOLE RECORD

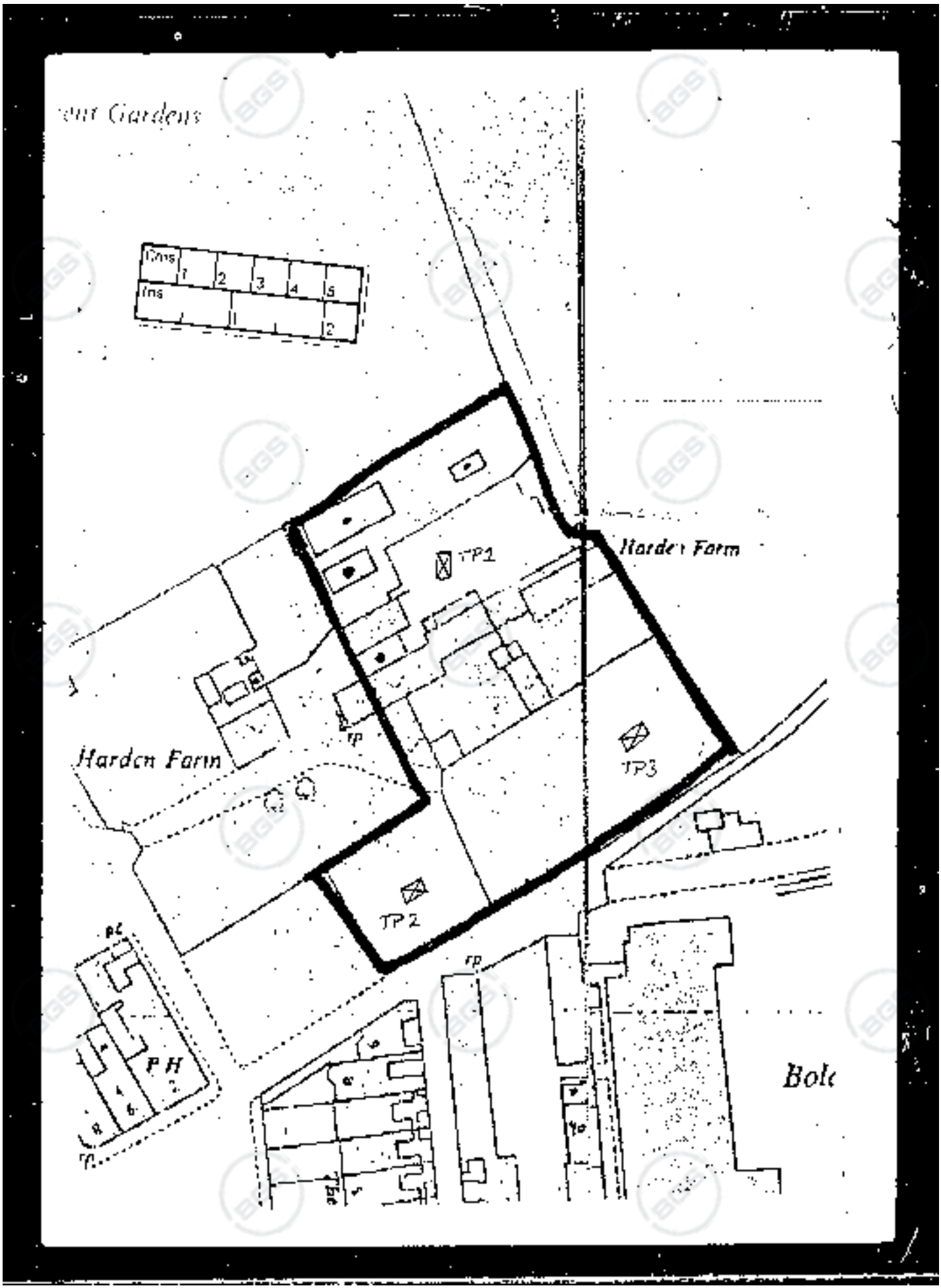
Contract No. C4737 ..... Client BELLWAY HOMES LTD .....

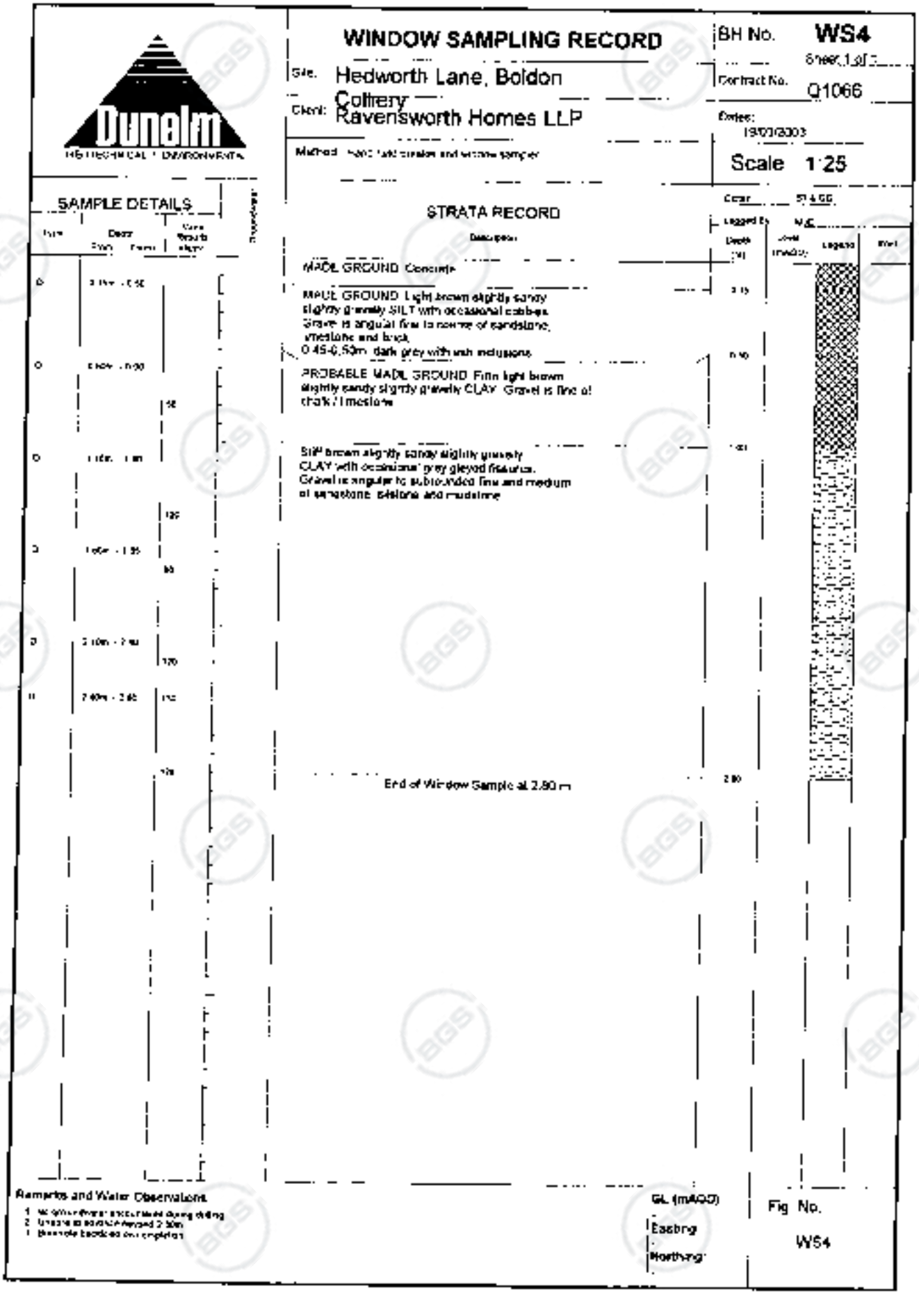
Ground Level ..... Location HARDEN FARM, SALTDEAN COLLIERY...

Date ... NOV '90 ... BOREHOLE No. ... TP 1 & 2 .....

Depth	Thickness	Legend	Description of Strata	Type of Sample	C (kN/m²)	M %	Ø	Density (kg/m³)	N
TP1									
0·40	0·40		ASH STONE & SOIL FILL						
0·90	0·50		SOFT TO FIRM LT. BROWN & GREY MOTTLED SL. STONY PLASTIC CLAY	V 0·70	48·0				
				V 1·50	70·0				
3·00	2·10		FIRM TO STIFF DK. BROWN & GREY MOTTLED STONY SL. SANDY BOULDER CLAY OCCASIONAL SAND LENSES TOWARDS THE BASE.						
TP2									
0·30	0·30		TOPSOIL						
0·80	0·50		FIRM LT BROWN & GREY MOTTLED SL. STONY CLAY	V 0·70	62·0				
3·00	2·20		FIRM TO STIFF DK. BROWN & GREY MOTTLED SL. STONY SANDY BOULDER CLAY BECOMING DARKER & STIFFER TOWARDS BASE	V 1·50	105·5				
				V 2·50	120·0 +				
			ROOTS PRESENT TO 0·80m						

Water Struck at ... NONE ..... Standing Water Level .....


Gdns
1
2
3
4
5
Ins
1
2
TP1
TP2
TP3
Harden Farm
Harden Farm
PH
Bole



Dunelm
GEOTECHNICAL & ENVIRONMENTAL

WINDOW SAMPLING RECORD

BH No. WS4

Sheet 1 of 1

Site: Hedworth Lane, Boldon Colliery

Contract No. Q1066

Client: Ravensworth Homes LLP

Dates: 19/03/2003

Method: Hand held cable and window sampler

Scale 1:25

Logged By: M.C.

Coor: 374.66

SAMPLE DETAILS

Type	Depth (m)	Core Recovery (mm)
D	0.10m - 0.45	
D	0.45m - 0.90	45
D	0.90m - 1.35	100
D	1.35m - 1.80	85
D	1.80m - 2.25	120
D	2.25m - 2.65	110
		120

STRATA RECORD

Description	Depth (m)	Legend	Well
MADE GROUND Concrete	0.10		
MADE GROUND Light brown slightly sandy slightly gravelly SILT with occasional cobbles. Gravel is angular fine to coarse of sandstone, limestone and brick. 0.45-0.90m dark grey with ash inclusions	0.90		
PROBABLE MADE GROUND Firm light brown slightly sandy slightly gravelly CLAY. Gravel is fine of chalk / limestone	1.35		
Stiff brown slightly sandy slightly gravelly CLAY with occasional grey gleyed fissures. Gravel is angular to subrounded fine and medium of sandstone, siltstone and mudstone			
End of Window Sample at 2.80 m	2.80		

Remarks and Water Observations

1. No water encountered during drilling
2. Upstand of 600mm installed
3. Borehole backfilled on completion

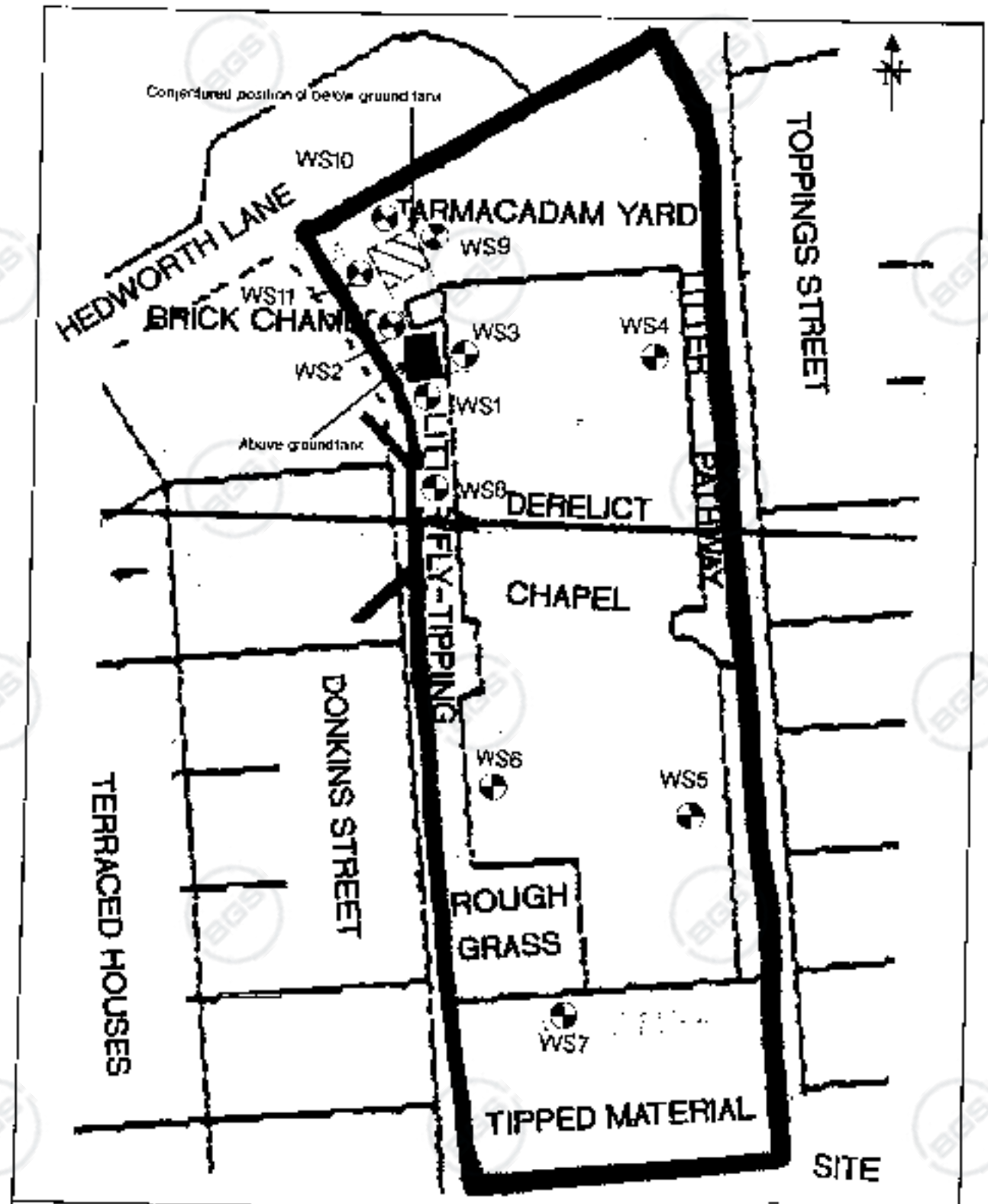
GL (mAOD)

Easting

Northing

Fig No.

W54



Exploratory Hole Location Plan

Contract No:	Q1066
Contract:	Hedworth Lane, Boldon Colliery Ravensworth Homes LLP
Drawn by:	DB
Approved:	RST
Scale:	1:250
Drawing No.	Q1066/2

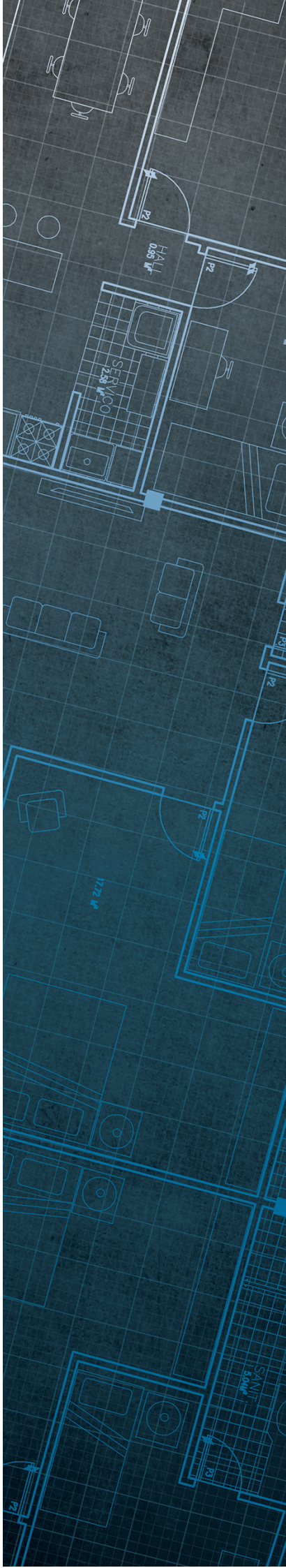
The Coal Authority

Consultants

Coal Mining Report

Site Of Former Boldon Colliery
Working Mens Social Club
Station Road
Boldon Colliery
South Tyneside
NE35 9HW

Date of enquiry:	**4 September 2024**
Date enquiry received:	**4 September 2024**
Issue date:	**4 September 2024**
Our reference:	**51003447927001**
Your reference:	**24-634**



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

ARC ENVIRONMENTAL LTD

Enquiry address

Site Of Former Boldon Colliery Working Mens
Social Club
Station Road
Boldon Colliery
South Tyneside
NE35 9HW



Approximate position of property

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How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

@coalauthority
/company/the-coal-authority
/thecoalauthority
/thecoalauthority

Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
BOLDON	MAUDLIN	Coal	3K81	398	Beneath Property	1.7	South-West	150	1930
BOLDON	YARD	Coal	3PED	398	Beneath Property	1.1	South-East	70	1921
BOLDON	MAUDLIN	Coal	3K82	399	West	0.9	South	150	1889
BOLDON	MAUDLIN	Coal	3K83	416	West	1.4	South-East	170	1909
BOLDON	MAUDLIN	Coal	3K84	417	Beneath Property	1.6	South	170	1900
BOLDON	HUTTON	Coal	3K1R	438	Beneath Property	0.8	South	140	1939
BOLDON	HUTTON	Coal	3K1Q	438	West	0.7	South	140	1939
BOLDON	HUTTON	Coal	3K1P	439	North	1.1	South	140	1939
BOLDON	HUTTON	Coal	3JZ6	440	West	2.6	East	120	1924
BOLDON	HUTTON	Coal	3K1S	461	Beneath Property	1.6	South-East	140	1940
BOLDON	HUTTON	Coal	3K0W	466	South	0.5	South-East	145	1910

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

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Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

D1468	12106	D863
D7ST	D1325	D388
D724	D1469	D1364

Our records show we have more plans than those shown above which could affect the enquiry boundary.

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

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Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

Distance to gas incident/remediation (m)	Direction
281.5	East

See Section 4 for further information.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

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Section 3 – Licensing and future mining activity

Future underground mining
None recorded.

Coal mining licensing
None recorded within 200 metres of the enquiry boundary.

Court orders
None recorded.

Section 46 notices
No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices
The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land
The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

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Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority.

MINE GAS: Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

Mine gas remedial works

The site is within an area of previous interest. It is close to where the Coal Authority has investigated and subsequently remediated the effects of mine or ground gas emissions following specific reported hazards.

The site requires further investigation and may influence your risk assessment. We recommend that you order the **Coal Authority Mine Gas Emission Report**, which will include more information about the hazard.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

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Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk.**

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

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Opencast mines
Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips
Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations
Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites
Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence
Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas
Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

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Mine water treatment schemes
Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining
Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing
Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders
Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices
Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices
Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

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Summary of findings

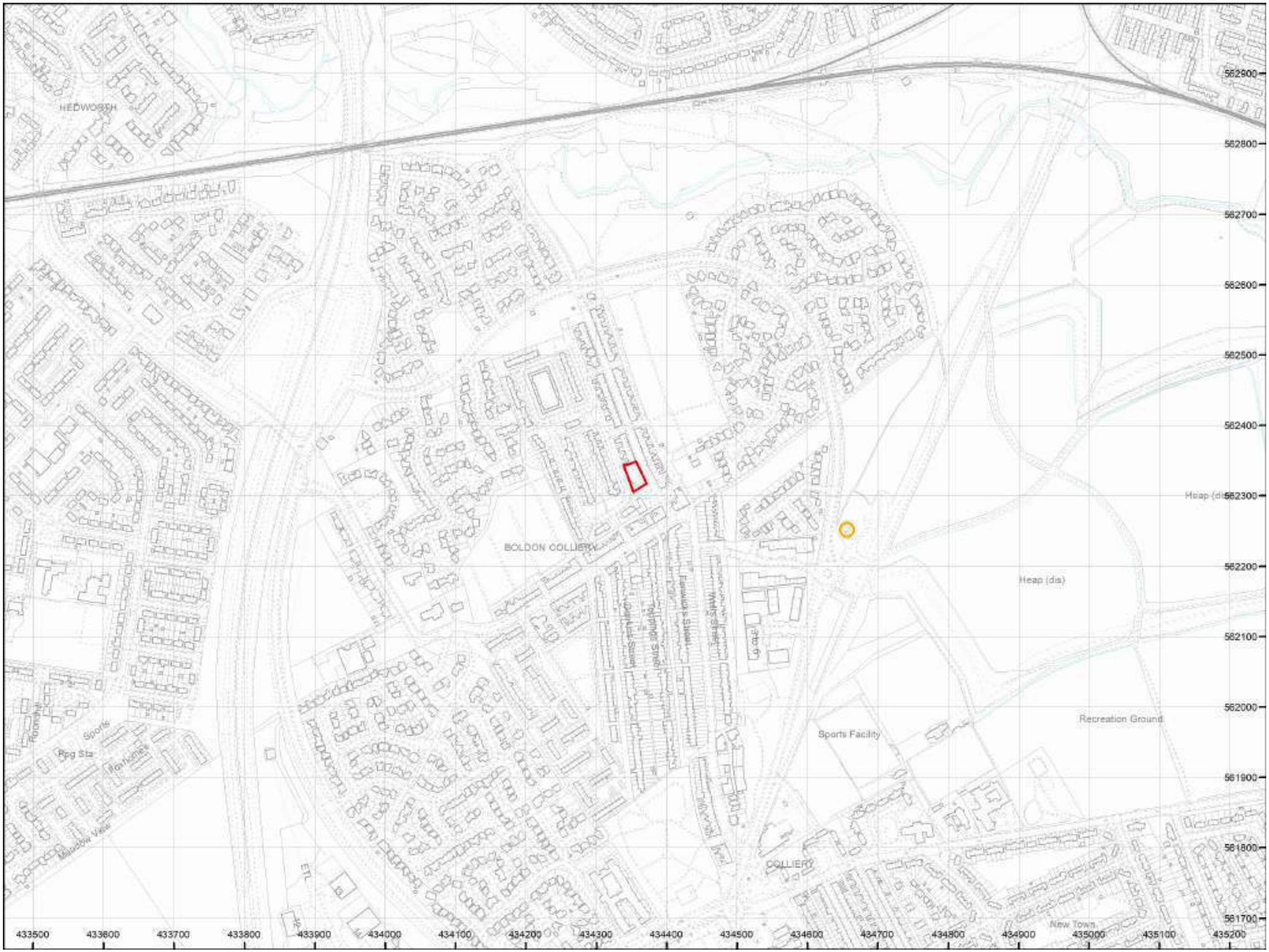
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Map data

The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

Approximate position of the enquiry boundary shown

Mine gas remedial works



How to contact us
0345 762 6848 (UK)
+44 (0)1623 637 000 (International)
www.groundstability.com

APPENDIX III

Landmark Information Group – Envirocheck Report

Zetica Unexploded Bomb Risk Map

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
357209385_1_1

Customer Reference:
24-665

National Grid Reference:
434350, 562330

Slice:
A

Site Area (Ha):
0.08

Search Buffer (m):
1000

Site Details:

Coronation Terrace
Wilton Gardens South
BOLDON COLLIERY
NE35 9HW

Client Details:

Mr D McGrath
Arc Environmental Ltd
Unit 1
Elliot Court
St John's Road
Meadowfield
Durham
DH7 8PN

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	15
Hazardous Substances	-
Geological	17
Industrial Land Use	24
Sensitive Land Use	33
Data Currency	34
Data Suppliers	40
Useful Contacts	41

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.
In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1		Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			15	3
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 6				7
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7			Yes	
Pollution Incidents to Controlled Waters	pg 7			1	8
Prosecutions Relating to Authorised Processes	pg 9				1
Registered Radioactive Substances					
River Quality	pg 9			1	
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 9				3
Water Abstractions	pg 10				(*4)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 11	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Source Protection Zones	pg 11				1
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 11			5	25

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 15	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 15		1	1	2
Potentially Infilled Land (Water)	pg 15		4	4	8
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 17	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 17	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 21			2	2
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 22	Yes	n/a	n/a	n/a
Mining Instability	pg 22	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 22		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 22	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 24		11	12	31
Fuel Station Entries	pg 28				1
Points of Interest - Commercial Services	pg 28		5	8	5
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 30				2
Points of Interest - Public Infrastructure	pg 30			2	14
Points of Interest - Recreational and Environmental	pg 31			1	8
Gas Pipelines					
Underground Electrical Cables					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 33			1	1
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 33			1	
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	196	1	434150 562400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	252	1	434350 562600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	302	1	434350 562650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	315	1	434100 562550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	349	1	434100 562600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (N)	352	1	434354 562700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	366	1	434250 562700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	369	1	434700 562150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	379	1	434750 562300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	385	1	434050 562600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	402	1	434550 562700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	404	1	434400 562750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (N)	427	1	434500 562750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	428	1	434200 562750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	429	1	434800 562328
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	439	1	433900 562350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (NW)	439	1	433950 562550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	442	1	433900 562400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	452	1	434354 562800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	460	1	434800 562150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	462	1	434450 562800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	463	1	434250 562800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	474	1	434500 562800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	480	1	434850 562350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	480	1	434800 562100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	489	1	433850 562328
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SE (NW)	491	1	434000 562700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	492	1	434700 562700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	493	1	434150 562800
1	**Discharge Consents** Operator: NORTHUMBRIAN WATER LIMITED Property Type: Sewerage Network - Sewers Location: BOLDON COLLIERY SSO NO 1, BOLDON Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/F/0611/2756 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 21st July 1999 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge Environment: Not Supplied Receiving Water: DONRevoked **Status: Not Supplied** Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	381	2	434200 562700
1	**Discharge Consents** Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Boldon Colliery Sso No 1, Boldon, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/F/0611 Permit Version: 1 Effective Date: 12th October 1964 Issued Date: 12th October 1964 Revocation Date: 21st July 1999 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Don **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	381	2	434200 562700
2	**Discharge Consents** Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Boldon Colliery Fenwich St No56 Cso, Near 56 Fenwich Street, Boldon Colliery, Ne35 9hu Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: Eprcb3096nz Permit Version: 2 Effective Date: 6th April 2022 Issued Date: 6th April 2022 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Don **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A18SW (N)	387	2	434275 562727

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Boldon Colliery Fenwich St No56 Cso, Near 56 Fenwich Street, Boldon Colliery, Ne35 9hu Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: Eprcb3096nz Permit Version: 1 Effective Date: 26th February 2015 Issued Date: 26th February 2015 Revocation Date: 5th April 2022 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Don **Status: New issued under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A18SW (N)	388	2	434274 562728
2	**Discharge Consents** Operator: Northumbrian Water Ltd Property Type: Undefined Or Other Location: Railway Culvery Cso (40 Metres From), BOLDON COLLIERY Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1563 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm sewage overflow discharge Discharge Environment: Freshwater Stream/River Receiving Water: Don **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A18SW (N)	398	2	434255 562735
2	**Discharge Consents** Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Station Road Cso G020, 62 Station Road, Boldon Colliery, Tyne & Wear, Ne35 9hp Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1702 Permit Version: 2 Effective Date: 11th February 2019 Issued Date: 11th February 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Don **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A18SW (N)	401	2	434262 562739
3	**Discharge Consents** Operator: NORTHUMBRIAN WATER LIMITED Property Type: Sewerage Network - Sewers Location: RAILWAY CULVERT CSO, (40M FROM), BOLDON COLLIERY Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1563 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 21st July 1999 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge Environment: Not Supplied Receiving Water: RIVER DONRevoked **Status: Not Supplied** Positional Accuracy: Located by supplier to within 10m	A18SW (N)	404	2	434250 562740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: NORTHUMBRIAN WATER LIMITED Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Station Road Cso G020, 62 Station Road, Boldon Colliery, Tyne & Wear, Ne35 9hp Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1702 Permit Version: 1 Effective Date: 29th June 1999 Issued Date: 29th June 1999 Revocation Date: 10th February 2019 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: RIVER DON **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A18SW (N)	404	2	434250 562740
3	**Discharge Consents** Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Boldon Colliery B Sso, Boldon Colliery Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1563 Permit Version: 1 Effective Date: 7th June 1996 Issued Date: 7th March 1996 Revocation Date: 21st July 1999 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Don **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A18SW (N)	404	2	434250 562740
3	**Discharge Consents** Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Boldon Colliery B Sso, Boldon Colliery Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/0955 Permit Version: 1 Effective Date: 21st September 1989 Issued Date: 21st September 1989 Revocation Date: 7th March 1996 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Don **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A18SW (N)	404	2	434250 562740
3	**Discharge Consents** Operator: Northumbrian Water Ltd Property Type: Undefined Or Other Location: Railway Culvert Cso (10 Metres From), BOLDON COLLIERY Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1562 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm sewage overflow discharge Discharge Environment: Freshwater Stream/River Receiving Water: Don **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A18SW (N)	447	2	434255 562785

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: NORTHUMBRIAN WATER LIMITED Property Type: Sewerage Network - Sewers Location: 10M FROM RAILWAY CULVERT CSO, BOLDON COLLIERY Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1562 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 21st July 1999 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge Environment: Not Supplied Receiving Water: RIVER DONRevoked **Status: Not Supplied** Positional Accuracy: Located by supplier to within 10m	A18SW (N)	453	2	434250 562790
3	**Discharge Consents** Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Boldon Colliery A Sso, Boldon Colliery Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1562 Permit Version: 1 Effective Date: 7th June 1996 Issued Date: 7th March 1996 Revocation Date: 21st July 1999 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Don **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A18SW (N)	453	2	434250 562790
3	**Discharge Consents** Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Boldon Colliery A Sso, Boldon Colliery Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/0954 Permit Version: 1 Effective Date: 21st September 1989 Issued Date: 21st September 1989 Revocation Date: 7th April 1996 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Don **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A18SW (N)	453	2	434250 562790
4	**Discharge Consents** Operator: Unknown Due To Wims Migration Error 2001 Property Type: MINING OF COAL + LIGNITE Location: Boldon Colliery Housing Development, Boldon Colliery, South Tyneside, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/0508 Permit Version: 1 Effective Date: 17th August 1987 Issued Date: 17th August 1987 Revocation Date: 1st September 1993 Discharge Type: Miscellaneous Discharges - Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Don **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A18SE (N)	454	2	434400 562800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Discharge Consents** Operator: Unknown Due To Wims Migration Error 2001 Property Type: MINING OF COAL + LIGNITE Location: Boldon Colliery Proposed Washing Pl, Boldon Colliery, County Durham Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/D/0400 Permit Version: 1 Effective Date: 5th October 1973 Issued Date: 5th October 1973 Revocation Date: 17th September 1990 Discharge Type: Trade Discharge - Process Water Discharge Environment: Freshwater Stream/River Receiving Water: Don, Tributary Of **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A14NW (E)	655	2	435000 562500
6	**Discharge Consents** Operator: Costain Limited Property Type: SPECIALISED CONSTRUCTION/DEMOLITION/PAINTING/JOINERY Location: Testo A19/184 Junction Improvements, Site Office, Newcastle Road, Tyne & Wear, Ne36 0bg Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: Eprmb3194ak Permit Version: 1 Effective Date: 4th July 2019 Issued Date: 4th July 2019 Revocation Date: 10th March 2023 Discharge Type: Trade Discharges - Site Drainage Discharge Environment: Freshwater Stream/River Receiving Water: River Don **Status: Surrendered under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	673	2	433977 562912
6	**Discharge Consents** Operator: Costain Limited Property Type: SPECIALISED CONSTRUCTION/DEMOLITION/PAINTING/JOINERY Location: Testo A19/184 Junction Improvements, Site Office, Newcastle Road, Tyne & Wear, Ne36 0bg Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: Eprmb3194ak Permit Version: 1 Effective Date: 4th July 2019 Issued Date: 4th July 2019 Revocation Date: 10th March 2023 Discharge Type: Trade Discharges - Site Drainage Discharge Environment: Freshwater Stream/River Receiving Water: River Don **Status: Surrendered under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	707	2	433932 562923
7	**Local Authority Pollution Prevention and Controls** Name: Steve Watson Coachworks Location: North Road, Boldon Colliery, Boldon Colliery, Ne35 9af Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 024/6.4(b)/PtB Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles **Status: Permitted** Positional Accuracy: Located by supplier to within 100m	A8NE (S)	509	3	434400 561800
8	**Local Authority Pollution Prevention and Controls** Name: R J Budge Location: Bolden Stocking Site B/C, T & W, BOLDON, Tyne and Wear, NE36 Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 005/3.4(e) Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/5 Coal, coke and coal product processes **Status: Authorisation revoked** Positional Accuracy: Un-geocodable - location cannot be found	A14NW (E)	599	3	434969 562348

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Local Authority Pollution Prevention and Controls** Name: Asda Boldon Petrol Filling Station Location: North Road, BOLDON COLLIERY, Tyne and Wear, NE35 9AR Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: STC/019/1.2(d&e)/PtB Dated: 29th October 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A8NE (S)	645	3	434478 561674
10	**Local Authority Pollution Prevention and Controls** Name: Fm Coatings Ltd Location: Unit 15 Brookland Way, Boldon Business Park, Boldon, NE35 9NZ Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC/09/1 Dated: 23rd December 2009 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	769	3	434014 561616
10	**Local Authority Pollution Prevention and Controls** Name: Fm Coating Limited Location: Unit 15 Brooklands Way, Boldon Business Park, Boldon, Tyne And Wear, Ne35 9lz Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: STC/EPR/021 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic **Status:** **Permitted** Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	769	3	434017 561615
11	**Local Authority Pollution Prevention and Controls** Name: Mill Garage Ltd Location: Unit 5 Brooklands Way, Boldon Business Park, Boldon, SOUTH SHIELDS, Tyne and Wear, NE36 0BQ Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 028/6.4(b) Dated: 25th May 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles **Status:** **Permitted** Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	880	3	434000 561500
12	**Local Authority Pollution Prevention and Controls** Name: Victoria Carser Location: Unit 5 Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne & Wear, Ne36 0bq Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 028/6.4(b) Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles **Status:** **Permitted** Positional Accuracy: Located by supplier to within 10m	A8SW (S)	992	3	434043 561364
	Nearest Surface Water Feature	A14SW (E)	364	-	434721 562216
13	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Off Station Road, Boldon Colliery Authority: Environment Agency, North East Region Pollutant: Not Given Note: River Don Incident Date: 22nd August 1994 Incident Reference: 235/002463 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Sewerage - Storm Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	355	2	434400 562700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North East Region Pollutant: Not Given Note: Don Incident Date: 24th March 1992 Incident Reference: 235/001184 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Sewerage - Storm Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	604	2	434100 562900
15	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: JARROW Authority: Environment Agency, North East Region Pollutant: Not Given Note: Don Incident Date: 9th July 1992 Incident Reference: 235/001410 Catchment Area: Not Given Receiving Water: No Pollution Cause of Incident: Sewerage - Storm Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	632	2	433900 562800
16	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: HEDWORTH Authority: Environment Agency, North East Region Pollutant: Not Given Note: Don Tributary Incident Date: 14th March 1991 Incident Reference: 235/000513 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Sewerage - Storm Overflow Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	668	2	434500 563000
17	**Pollution Incidents to Controlled Waters** Property Type: Highway/Car Park Location: HEDWORTH Authority: Environment Agency, North East Region Pollutant: Not Given Note: Don Incident Date: 16th July 1990 Incident Reference: 235/000184 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	773	2	433800 562900
18	**Pollution Incidents to Controlled Waters** Property Type: Surface Water Sewers Location: EAST BOLDON Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tileshed Burn Incident Date: 7th January 1993 Incident Reference: 235/001681 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Sewerage - Storm Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (SW)	813	2	433600 562000
19	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Nz33656305 Authority: Environment Agency, North East Region Pollutant: Not Given Note: Don Incident Date: 3rd December 1991 Incident Reference: 235/000976 Catchment Area: Not Given Receiving Water: No Pollution Cause of Incident: Sewerage - Storm Overflow Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	908	2	433705 562995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	**Pollution Incidents to Controlled Waters** Property Type: Miscellaneous Premises: Unknown Location: HEDWORTH Authority: Environment Agency, North East Region Pollutant: Not Given Note: Don Incident Date: 10th August 1993 Incident Reference: 235/002047 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	911	2	433700 562995
19	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: HEDWORTH Authority: Environment Agency, North East Region Pollutant: Not Given Note: Don Incident Date: 14th April 1992 Incident Reference: 235/001227 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Sewerage - Storm Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	915	2	433700 563000
20	**Prosecutions Relating to Authorised Processes** Location: North Road, Boldon Colliery Prosecution Text: Unlawfully dumping waste - waste carrier license revoked Prosecution Act: Epa90 S33 Hearing Date: 1st October 2009 Verdict: Guilty Fine: 0 Costs: 0 Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	949	2	434726 561434
	River Quality Name: Don GQA Grade: River Quality C Reach: Strother_House_Tidal_Limi Estimated Distance (km): 8.1 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A18SW (N)	379	2	434307 562724
21	**Substantiated Pollution Incident Register** Authority: Environment Agency - North East Region, North East Area Incident Date: 6th December 2019 Incident Reference: 1759931 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Suspended Solids	A17SE (NW)	713	2	433915 562918
22	**Substantiated Pollution Incident Register** Authority: Environment Agency - North East Region, North East Area Incident Date: 16th May 2002 Incident Reference: 79146 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage	A17SE (NW)	831	2	433758 562939
23	**Substantiated Pollution Incident Register** Authority: Environment Agency - North East Region, North East Area Incident Date: 2nd January 2020 Incident Reference: 1766074 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Pollutant Not Identified: Not Identified	A17NW (NW)	957	2	433677 563037

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: North East Property Partnership Ltd Licence Number: 1/23/05/028 Permit Version: 103 Location: Borehole - Coal Measures - Boldon Authority: Environment Agency, North East Region Abstraction: Business Parks: Lake & Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Boldon Business Park, Tyne & Wear Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 3rd November 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2NE (S)	1272	2	433920 561110
	Water Abstractions Operator: North East Property Partnership Ltd Licence Number: 1/23/05/028 Permit Version: 102 Location: Borehole - Coal Measures - Boldon Authority: Environment Agency, North East Region Abstraction: Business Parks: Lake & Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Boldon Business Park, Tyne & Wear Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st September 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2NE (S)	1272	2	433920 561110
	Water Abstractions Operator: North East Property Partnership Ltd Licence Number: 1/23/05/028 Permit Version: 101 Location: Borehole - Coal Measures - Boldon Authority: Environment Agency, North East Region Abstraction: Business Parks: Lake & Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Boldon Business Park, Tyne & Wear Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2NE (S)	1272	2	433920 561110
	Water Abstractions Operator: One Northeast Licence Number: 1/23/05/028 Permit Version: 100 Location: Borehole - Coal Measures - Boldon Authority: Environment Agency, North East Region Abstraction: Business Parks: Lake & Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 220 Yearly Rate (m3): 80300 Details: Boldon Business Park, Tyne & Wear Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 2nd July 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2NE (S)	1272	2	433920 561110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13NW (NE)	0	4	434354 562328
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (NE)	0	4	434354 562328
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (NE)	0	4	434354 562328
24	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A14NE (E)	878	2	435182 562653
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 491.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14SW (E)	364	5	434721 562216
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1638.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Tyne Primacy: 1	A18SE (N)	368	5	434391 562715
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A13SW (SW)	412	5	434081 561997

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 206.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14SW (E)	442	5	434810 562269
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 175.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Tyne Primacy: 1	A18SW (N)	450	5	434257 562788
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 223.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14NW (E)	543	5	434872 562525
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 118.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14NW (NE)	559	5	434872 562567
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Tyne Primacy: 1	A18SW (NW)	573	5	434069 562851
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 241.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A9NW (SE)	580	5	434844 561981
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 67.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14NW (E)	599	5	434969 562360
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 69.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Tyne Primacy: 1	A18SW (NW)	600	5	434037 562864
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A18SW (NW)	600	5	434037 562864

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 506.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14NW (E)	649	5	435013 562411
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Tyne Primacy: 1	A17SE (NW)	665	5	433986 562909
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 140.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14NW (E)	666	5	435016 562485
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14NW (NE)	674	5	434979 562609
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14NW (NE)	674	5	434979 562607
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14NW (NE)	679	5	434979 562620
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 105.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Tyne Primacy: 1	A17SE (NW)	690	5	433878 562859
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 158.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A17SE (NW)	705	5	433843 562847
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 332.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Tyne Primacy: 1	A17SE (NW)	706	5	433844 562849

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Don Catchment Name: Tyne Primacy: 1	A17SE (NW)	707	5	433931 562923
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A17SE (NW)	714	5	433912 562917
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14SE (E)	724	5	435058 562087
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 277.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14SE (E)	738	5	435075 562092
50	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 23.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14SE (E)	908	5	435270 562189
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 257.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14NE (E)	914	5	435280 562417
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14SE (E)	968	5	435330 562178
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14SE (E)	971	5	435333 562177
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 26.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tyne Primacy: 1	A14SE (E)	987	5	435344 562146

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: South Tyneside Metropolitan Borough Council - Has no landfill data to supply		0	6	434354 562328
55	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1987	A13SE (E)	119	-	434490 562320
56	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1987	A14SW (E)	403	-	434757 562201
57	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A19SW (NE)	743	-	434863 562891
58	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A19NW (NE)	972	-	434813 563206
59	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A13NE (NE)	42	-	434400 562355
60	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1898	A13NE (E)	75	-	434446 562329
61	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A13SW (W)	177	-	434163 562326
62	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A13NE (NE)	202	-	434442 562531
63	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A13SE (SE)	372	-	434661 562084
64	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A13NW (NW)	412	-	434048 562637
65	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A14SW (E)	422	-	434772 562184
66	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SW (SE)	458	-	434771 562094
67	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A8NW (S)	527	-	434153 561819
68	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A14SW (E)	539	-	434901 562221
69	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A8NW (S)	542	-	434270 561770
70	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A19SW (NE)	729	-	434878 562857
71	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A17SE (NW)	749	-	433704 562743
72	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A12NW (W)	778	-	433599 562585
73	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SW (NW)	881	-	433660 562907

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A9SW (SE)	982	-	434807 561435

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A13NW (NE)	0	1	434354 562328
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NE)	0	1	434354 562328
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (N)	119	1	434373 562466
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NW (W)	254	1	434085 562331
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	316	1	434140 562591
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18SE (N)	350	1	434409 562694
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18SW (N)	381	1	434284 562723

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18SE (N)	405	1	434430 562746
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (W)	420	1	433928 562256
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18SE (N)	465	1	434403 562811
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12SE (SW)	539	1	433856 562098
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A17SE (NW)	566	1	433938 562745
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SW (NW)	577	1	434105 562872

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SE (NW)	579	1	433937 562763
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8NE (SE)	586	1	434645 561799
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NW (E)	629	1	435000 562328
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A17SE (NW)	631	1	433879 562778
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (N)	655	1	434415 563000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18NE (N)	669	1	434446 563011

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SE (NW)	680	1	433850 562818
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (SE)	704	1	435000 562000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18NW (N)	762	1	434291 563107
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A17SE (NW)	854	1	433723 562937
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A17SW (NW)	872	1	433535 562683
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SE (NE)	944	1	435148 562861

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A19SE (NE)	944	1	435148 562861
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SE (E)	962	1	435263 562679
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SE (NE)	964	1	435251 562710
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NE (E)	992	1	435320 562608
75	**BGS Recorded Mineral Sites** Site Name: Boldon Colliery Location: Bolden, South Shields, Tyne And Wear Source: British Geological Survey, National Geoscience Information Service Reference: 99190 Type: Underground **Status: Ceased** Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Upper Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (E)	286	1	434655 562280
76	**BGS Recorded Mineral Sites** Site Name: Boldon Colliery Brick Works Location: Bolden, South Shields, Tyne And Wear Source: British Geological Survey, National Geoscience Information Service Reference: 99189 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Pelaw Clay Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14SW (E)	446	1	434811 562243

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	**BGS Recorded Mineral Sites** Site Name: Brockley Whins Location: Simonside, Hebburn, South Shields, Tyne And Wear Source: British Geological Survey, National Geoscience Information Service Reference: 95957 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Upper Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	715	1	434833 562881
78	**BGS Recorded Mineral Sites** Site Name: Simonside Quarry Location: Simonside, Hebburn, South Shields, Tyne And Wear Source: British Geological Survey, National Geoscience Information Service Reference: 95956 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Upper Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	999	1	434834 563225
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NW (NE)	0	7	434354 562328
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NW (NE)	0	-	434354 562328
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	434354 562328
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	434354 562328
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	434354 562328
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	434354 562328
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	434354 562328
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	213	1	434133 562400
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	434354 562328
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	213	1	434133 562400
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	434354 562328

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	434354 562328

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	**Contemporary Trade Directory Entries** Name: T & D Williams Ltd Location: 22 & 58, Hedworth Lane, Boldon Colliery, Tyne and Wear, NE35 9HT Classification: Electrical Goods Sales, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	102	-	434297 562221
80	**Contemporary Trade Directory Entries** Name: Wrought Iron Shop Location: 5, Hutton Street, Boldon Colliery, NE35 9LW Classification: Wrought Ironwork **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	203	-	434555 562231
80	**Contemporary Trade Directory Entries** Name: D J Location: 5-6, Hutton Street, Boldon Colliery, Tyne and Wear, NE35 9LW Classification: Ornamental Metalwork **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	204	-	434556 562231
80	**Contemporary Trade Directory Entries** Name: Moto-Tec M O T Centre Ltd Location: 4, Hutton Street, Boldon Colliery, NE35 9LW Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	212	-	434565 562232
80	**Contemporary Trade Directory Entries** Name: Moto Tec M O T Centre Ltd Location: Unit 4 Hutton Street, Boldon Colliery, Tyne And Wear, NE35 9LW Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	213	-	434566 562231
80	**Contemporary Trade Directory Entries** Name: Indico Ltd Location: 3, Hutton Street, Boldon Colliery, Tyne and Wear, NE35 9LW Classification: Adhesives, Glues & Sealants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	224	-	434578 562232
81	**Contemporary Trade Directory Entries** Name: A P Extrusions Ltd Location: 10, Hutton Street, Boldon Colliery, Tyne and Wear, NE35 9LW Classification: Plastics - Extrusion **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	210	-	434524 562173
81	**Contemporary Trade Directory Entries** Name: Teledata Location: 11, Hutton Street, Boldon Colliery, Tyne and Wear, NE35 9LW Classification: Telecommunications Equipment & Systems **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	220	-	434537 562173
81	**Contemporary Trade Directory Entries** Name: Ipc Technology Location: 12, Hutton Street, Boldon Colliery, Tyne and Wear, NE35 9LW Classification: Computer Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	227	-	434549 562175
81	**Contemporary Trade Directory Entries** Name: Servicemaster Location: Unit 16, Bensham Street, BOLDON COLLIERY, Tyne and Wear, NE35 9LN Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	242	-	434548 562151
81	**Contemporary Trade Directory Entries** Name: L G M O T Location: Unit 18 Bensham Street, Boldon Colliery, Tyne And Wear, NE35 9LN Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A13SE (SE)	249	-	434548 562141
81	**Contemporary Trade Directory Entries** Name: Arc Cars N E Location: Boldon Colliery, Tyne And Wear, Ne35 9ln Classification: Car Dealers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13SE (SE)	253	-	434551 562139

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	**Contemporary Trade Directory Entries** Name: Oliver'S Pet Cuisine Location: 17, Hutton Street, Boldon Colliery, Tyne and Wear, NE35 9LW Classification: Pet Foods & Animal Feeds **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	254	-	434582 562177
82	**Contemporary Trade Directory Entries** Name: Ultimate Moto Location: 20a, Bensham Street, Boldon Colliery, NE35 9LN Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	280	-	434582 562132
82	**Contemporary Trade Directory Entries** Name: P D Tuning Location: 18, Bensham Street, Boldon Colliery, Tyne and Wear, NE35 9LN Classification: Car Engine Tuning & Diagnostic Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	282	-	434584 562132
83	**Contemporary Trade Directory Entries** Name: Sapphire Engineering N E Ltd Location: Unit 3, Bensham Street, BOLDON COLLIERY, Tyne and Wear, NE35 9LN Classification: Engineering Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	258	-	434516 562103
84	**Contemporary Trade Directory Entries** Name: Mobile Phone Recycling Location: 9, Berkeley Close, Boldon Colliery, NE35 9LQ Classification: Recycling Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	278	-	434560 562536
85	**Contemporary Trade Directory Entries** Name: P D Tuning Location: 18 Bensham St, Boldon Colliery, Tyne And Wear, NE35 9LN Classification: Car Engine Tuning & Diagnostic Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	284	-	434566 562111
86	**Contemporary Trade Directory Entries** Name: R S Cleaning Services Location: 41, Cinderford Close, Boldon Colliery, Tyne and Wear, NE35 9LB Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	346	-	434051 562538
87	**Contemporary Trade Directory Entries** Name: Barkers Motor Cycles Location: North Road, Boldon Colliery, Tyne and Wear, NE35 9AF Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NE (S)	373	-	434491 561960
87	**Contemporary Trade Directory Entries** Name: Steve Watson Coachworks Ltd Location: North Road, Boldon Colliery, Tyne and Wear, NE35 9AF Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	409	-	434498 561924
87	**Contemporary Trade Directory Entries** Name: M & S Prestige Location: North rd, Boldon Colliery, Tyne And Wear, NE35 9AF Classification: Car Dealers **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	448	-	434486 561879
88	**Contemporary Trade Directory Entries** Name: Hygiene Cleaning Location: 27, Simpson Close, Boldon Colliery, Tyne and Wear, NE35 9JP Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	415	-	434301 561895
89	**Contemporary Trade Directory Entries** Name: Action Dry Water Out (Uk) Location: 35, Holland Park Drive, Jarrow, Tyne and Wear, NE32 4LN Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	556	-	433865 562636

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	**Contemporary Trade Directory Entries** Name: Aquarius Doors Location: 68, Leander Drive, Boldon Colliery, Tyne and Wear, NE35 9LS Classification: Door Manufacturers - Industrial **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	589	-	434176 561745
91	**Contemporary Trade Directory Entries** Name: Full Steam Ahead Ironing Location: 5, Dunelm Grange, Boldon Colliery, Tyne and Wear, NE35 9AB Classification: Ironing & Home Laundry Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	653	-	434261 561660
92	**Contemporary Trade Directory Entries** Name: R Lamb (Jarrow) Ltd Location: 3, Hounslow Gardens, Jarrow, Tyne and Wear, NE32 4LS Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	672	-	433708 562579
93	**Contemporary Trade Directory Entries** Name: Arc Clean Car Centre Location: Asda Filling Station North Road, Boldon Colliery, Tyne And Wear, NE35 9AR Classification: Car Washing & Polishing Equipment & Supplies **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	697	-	434623 561664
94	**Contemporary Trade Directory Entries** Name: Elk Rubbish Removals Location: 139, Hedworth Lane, JARROW, Tyne and Wear, NE32 4LU Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	701	-	433654 562497
95	**Contemporary Trade Directory Entries** Name: Klick Photopoint Location: North Road, Boldon Colliery, Tyne and Wear, NE35 9AR Classification: Photographic Processors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	721	-	434489 561598
95	**Contemporary Trade Directory Entries** Name: Klick Location: North Road, Boldon Colliery, Tyne and Wear, NE35 9AR Classification: Photographic Processors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	721	-	434489 561598
95	**Contemporary Trade Directory Entries** Name: Asda Petrol Location: North Road, Boldon Colliery, NE35 9AR Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	729	-	434526 561598
95	**Contemporary Trade Directory Entries** Name: Johnsons Cleaners Asda Boldon Location: Boldon, Boldon Colliery, Tyne And Wear, NE35 9AR Classification: Dry Cleaners **Status: Active** Positional Accuracy: Manually positioned to the address or location	A8SE (S)	729	-	434526 561598
96	**Contemporary Trade Directory Entries** Name: Boldon Domestic Appliances Ltd Location: 27, North Road, East Boldon, Tyne and Wear, NE36 0DJ Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (SE)	763	-	434657 561607
96	**Contemporary Trade Directory Entries** Name: Petmeals Location: 24, East View, Boldon Colliery, Tyne and Wear, NE35 9AU Classification: Pet Foods & Animal Feeds **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	791	-	434634 561568
97	**Contemporary Trade Directory Entries** Name: Cinderella Of The North Location: 58, Ullswater Avenue, Jarrow, Tyne and Wear, NE32 4EY Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	816	-	433802 562960

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	**Contemporary Trade Directory Entries** Name: Hne Huntleigh Ltd Location: Unit 11B, Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9LZ Classification: Medical Equipment Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	826	-	433867 561638
99	**Contemporary Trade Directory Entries** Name: Joseph'S Hardware Location: 45, North Road, Boldon Colliery, Tyne and Wear, NE35 9AX Classification: Hardware **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (SE)	829	-	434685 561548
100	**Contemporary Trade Directory Entries** Name: Autoweld Systems Location: Unit 10, Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9LZ Classification: Oil & Gas Exploration Supplies & Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	870	-	433880 561576
101	**Contemporary Trade Directory Entries** Name: Henry Halsteads Ltd Location: Unit 2, Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9LZ Classification: Nuts, Bolts & Fixings **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	904	-	434080 561444
101	**Contemporary Trade Directory Entries** Name: Finning Uk Ltd Location: Unit 3, Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9LZ Classification: Plant & Machinery Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	928	-	434041 561433
101	**Contemporary Trade Directory Entries** Name: Lex Harvey Ltd Location: Unit 3, Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9LZ Classification: Fork Lift Trucks **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	928	-	434041 561433
101	**Contemporary Trade Directory Entries** Name: A1 Refrigeration Installations Location: 3, Boldon Court, Burford Way, Boldon Colliery, Tyne and Wear, NE35 9PY Classification: Air Conditioning & Refrigeration Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	928	-	434041 561433
102	**Contemporary Trade Directory Entries** Name: Boldon Waste Removals Location: 198, Arnold Street, Boldon Colliery, Tyne and Wear, NE35 9AZ Classification: Rubbish Clearance **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SW (SE)	929	-	434782 561482
103	**Contemporary Trade Directory Entries** Name: Pressed For Time Location: 10, Sandiacres, Jarrow, Tyne and Wear, NE32 4NN Classification: Ironing & Home Laundry Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	939	-	433402 562417
104	**Contemporary Trade Directory Entries** Name: A C Yule Location: Unit 11, Burford Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9PZ Classification: Aluminium Fabricators **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	961	-	434237 561352
105	**Contemporary Trade Directory Entries** Name: Opus Building Services Location: LEVEN HOUSE, 7, BROOKLANDS WAY, BOLDON COLLIERY, NE35 9LZ Classification: Mechanical Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	974	-	433907 561440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	**Contemporary Trade Directory Entries** Name: Northumbria Optical Coatings Location: Unit 10, Burford Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9PZ Classification: Optical Goods - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	983	-	434158 561343
106	**Contemporary Trade Directory Entries** Name: M B Air Systems Ltd Location: Unit 8, Burford Way, Boldon Business Park, Boldon Colliery, NE35 9PZ Classification: Air Compressors **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	999	-	434121 561335
106	**Contemporary Trade Directory Entries** Name: M & S Automotive Coating Location: Unit 8, Burford Way, Boldon Business Park, Boldon Colliery, NE35 9PZ Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	999	-	434121 561335
106	**Contemporary Trade Directory Entries** Name: M B Air Systems Ltd Location: Unit 8, Burford Way, Boldon Business Park, Boldon Colliery, NE35 9PZ Classification: Air Compressors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	1000	-	434120 561334
106	**Contemporary Trade Directory Entries** Name: Nw Printers Location: Unit 8, Burford Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9PZ Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	1000	-	434120 561334
107	**Contemporary Trade Directory Entries** Name: Vertu Accident Repair Centre Sunderland Location: Unit 5, Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne And Wear, NE35 9LZ Classification: Car Body Repairs **Status: Active** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	999	-	434064 561350
108	**Contemporary Trade Directory Entries** Name: R S D Tech Services Location: 75, Thames Avenue, Jarrow, Tyne and Wear, NE32 4DT Classification: Marine Engineering Equipment Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	1000	-	433507 562901
109	**Fuel Station Entries** Name: Asda Boldon Automat Location: North Road , , Boldon Colliery, Tyne And Wear, NE35 9AR Brand: ASDA Premises Type: Hypermarket **Status: Open** Positional Accuracy: Manually positioned to the address or location	A8SE (S)	863	-	434383 561444
110	**Points of Interest - Commercial Services** Name: Wrought Iron Shop Location: 5 Hutton Street, Boldon Colliery, NE35 9LW Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A13SE (SE)	203	8	434555 562231
110	**Points of Interest - Commercial Services** Name: D J Location: 5 Hutton Street, Boldon Colliery, NE35 9LW Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A13SE (SE)	204	8	434556 562230
110	**Points of Interest - Commercial Services** Name: Artistic Blacksmith Components Location: 5 Hutton Street, Boldon Colliery, NE35 9LW Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A13SE (SE)	204	8	434556 562231

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	**Points of Interest - Commercial Services** Name: Moto-tec M O T Centre Ltd Location: 4 Hutton Street, Boldon Colliery, NE35 9LW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	212	8	434565 562232
110	**Points of Interest - Commercial Services** Name: Moto Tec M O T Centre Ltd Location: 4 Hutton Street, Boldon Colliery, NE35 9LW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	212	8	434565 562232
110	**Points of Interest - Commercial Services** Name: L G M O T Location: Unit 18, Bensham Street, Boldon Colliery, NE35 9LN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	266	8	434587 562162
110	**Points of Interest - Commercial Services** Name: P D Tuning Location: 18, Bensham Street,, Boldon Colliery, Tyne And Wear, NE35 9LN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	266	8	434588 562162
111	**Points of Interest - Commercial Services** Name: V Sport Location: 18 Bensham Street, Boldon Colliery, NE35 9LN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	282	8	434584 562132
111	**Points of Interest - Commercial Services** Name: V Sport Location: 18 Bensham Street, Boldon Colliery, NE35 9LN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	282	8	434584 562132
112	**Points of Interest - Commercial Services** Name: Barkers Motor Cycles Location: North Road, Boldon Colliery, NE35 9AF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	373	8	434490 561960
112	**Points of Interest - Commercial Services** Name: IMO - arc Clean Car Centres Location: North Road, Boldon Colliery, NE35 9AF Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8NE (S)	385	8	434474 561941
112	**Points of Interest - Commercial Services** Name: Steve Watson Coachworks Ltd Location: North Road, Boldon Colliery, NE35 9AF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	409	8	434498 561924
112	**Points of Interest - Commercial Services** Name: M & S Prestige Location: North Road, Boldon Colliery, NE35 9AF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	410	8	434497 561923
113	**Points of Interest - Commercial Services** Name: IMO - arc Clean Car Centres Location: Asda, North Road, Boldon Colliery, NE35 9AR Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SE (S)	729	8	434526 561598
114	**Points of Interest - Commercial Services** Name: Car Wash Location: North Road, Boldon Colliery, Tyne & Wear, NE35 9AR Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SE (S)	863	8	434383 561444

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	**Points of Interest - Commercial Services** Name: Asda Boldon Automat Location: North Road, Boldon Colliery, NE35 9AR Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SE (S)	896	8	434379 561411
115	**Points of Interest - Commercial Services** Name: Mill Car Clinic Location: Unit 5 Brooklands Way, Boldon Business Park, Boldon Colliery, NE35 9LZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	997	8	434065 561352
115	**Points of Interest - Commercial Services** Name: Vertu Accident Repair Centre Sunderland Location: Unit 5, Brooklands Way, Boldon Business Park, Boldon Colliery, NE35 9LZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	999	8	434064 561350
116	**Points of Interest - Manufacturing and Production** Name: Boldon Business Park Location: NE35 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	928	8	434130 561406
116	**Points of Interest - Manufacturing and Production** Name: Boldon Business Park Location: NE35 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	945	8	434177 561378
117	**Points of Interest - Public Infrastructure** Name: Slag Heap Location: NE35 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	492	8	434840 562167
117	**Points of Interest - Public Infrastructure** Name: Heap (Dis) Location: NE35 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	548	8	434902 562180
118	**Points of Interest - Public Infrastructure** Name: Boldon Police Station Location: Police Station, North Road, Boldon Colliery, NE35 9AF Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A8NE (S)	493	8	434497 561835
119	**Points of Interest - Public Infrastructure** Name: Brockley Whins Junction Location: Station Road, NE35 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18SE (N)	518	8	434443 562859
120	**Points of Interest - Public Infrastructure** Name: Brockley Whins Rail Station Location: Station Road, NE35 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18SE (NE)	616	8	434623 562903
121	**Points of Interest - Public Infrastructure** Name: Boldon Location: North Road, Boldon Colliery, NE35 9AR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8NE (S)	646	8	434480 561673
122	**Points of Interest - Public Infrastructure** Name: Slag Heap Location: NE35 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	671	8	435021 562149

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	**Points of Interest - Public Infrastructure** Name: Elk Rubbish Removals Location: 139 Hedworth Lane, Jarrow, NE32 4LU Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12NW (W)	700	8	433655 562497
123	**Points of Interest - Public Infrastructure** Name: Elk Rubbish Removals Location: 139 Hedworth Lane, Jarrow, NE32 4LU Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12NW (W)	701	8	433654 562497
124	**Points of Interest - Public Infrastructure** Name: Heap (Dis) Location: NE35 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	766	8	435137 562300
124	**Points of Interest - Public Infrastructure** Name: Slag Heap Location: NE35 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	803	8	435174 562295
125	**Points of Interest - Public Infrastructure** Name: Asda Petrol Location: North Road, Boldon Colliery, NE35 9AR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SE (S)	863	8	434386 561444
125	**Points of Interest - Public Infrastructure** Name: Asda Boldon Automat Location: North Road, Boldon Colliery, NE35 9AR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SE (S)	863	8	434383 561444
126	**Points of Interest - Public Infrastructure** Name: Sewage Pumping Station Location: NE32 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	883	8	433550 561938
127	**Points of Interest - Public Infrastructure** Name: Boldon Waste Removals Location: 198 Arnold Street, Boldon Colliery, NE35 9AZ Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A9SW (SE)	929	8	434782 561482
128	**Points of Interest - Public Infrastructure** Name: Weir Location: NE32 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NW (NW)	986	8	433652 563052
129	**Points of Interest - Recreational and Environmental** Name: Skatepark Location: NE35 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	336	8	434522 562016
130	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	578	8	434424 561733
130	**Points of Interest - Recreational and Environmental** Name: Playground Location: Henley Way, NE35 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8NE (S)	579	8	434426 561732

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	**Points of Interest - Recreational and Environmental** Name: Skatepark Location: NE35 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	710	8	434939 561891
131	**Points of Interest - Recreational and Environmental** Name: Play Area Location: NE35 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	713	8	434911 561851
132	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	834	8	433592 561966
132	**Points of Interest - Recreational and Environmental** Name: Playground Location: Fieldway, NE32 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A7NW (SW)	835	8	433591 561966
133	**Points of Interest - Recreational and Environmental** Name: Playground Location: Nr Perth Avenue, NE32 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NW (N)	874	8	434296 563220
133	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	875	8	434280 563220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	**Areas of Adopted Green Belt** Authority: South Tyneside Metropolitan Borough Council, Planning Department Plan Name: Core Strategy **Status: Adopted** Plan Date: 30th June 2007	A13NW (N)	272	6	434282 562612
135	**Areas of Adopted Green Belt** Authority: South Tyneside Metropolitan Borough Council, Planning Department Plan Name: Core Strategy **Status: Adopted** Plan Date: 30th June 2007	A7NE (SW)	695	6	433766 561935
136	**Local Nature Reserves** Name: Station Burn Multiple Area: Y Area (m2): 121145.89 Source: Natural England Designation Date: 4th January 2006	A13NW (N)	314	9	434286 562655

Data Currency

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
South Tyneside Metropolitan Borough Council - Neighbourhood Services	January 2024	Annual Rolling Update
City of Newcastle upon Tyne Council - Environmental Health Department	November 2017	Annual Rolling Update
Environment Agency - Head Office	November 2023	Annually
Gateshead Metropolitan Borough Council - Environmental Health Department	October 2017	Annual Rolling Update
Sunderland City Metropolitan Borough Council - Environmental Health Department	October 2017	Annually
North Tyneside Metropolitan Borough Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - North East Region	July 2024	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - North East Region	March 2013	
Integrated Pollution Controls		
Environment Agency - North East Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - North East Region	July 2024	Quarterly
Local Authority Integrated Pollution Prevention And Control		
North Tyneside Metropolitan Borough Council - Environmental Health Department	April 2014	Variable
City of Newcastle upon Tyne Council - Environmental Health Department	January 2015	Variable
South Tyneside Metropolitan Borough Council - Environmental Health Department	March 2024	Variable
Sunderland City Metropolitan Borough Council - Environmental Health Department	May 2016	Variable
Gateshead Metropolitan Borough Council - Environmental Health Department	October 2014	Variable
Local Authority Pollution Prevention and Controls		
North Tyneside Metropolitan Borough Council - Environmental Health Department	April 2014	Annual Rolling Update
City of Newcastle upon Tyne Council - Environmental Health Department	January 2015	Not Applicable
South Tyneside Metropolitan Borough Council - Environmental Health Department	March 2024	Annual Rolling Update
Sunderland City Metropolitan Borough Council - Environmental Health Department	May 2016	Annual Rolling Update
Gateshead Metropolitan Borough Council - Environmental Health Department	October 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
North Tyneside Metropolitan Borough Council - Environmental Health Department	April 2014	Variable
City of Newcastle upon Tyne Council - Environmental Health Department	January 2015	Variable
South Tyneside Metropolitan Borough Council - Environmental Health Department	March 2024	Variable
Sunderland City Metropolitan Borough Council - Environmental Health Department	May 2016	Variable
Gateshead Metropolitan Borough Council - Environmental Health Department	October 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	June 2024	
Pollution Incidents to Controlled Waters		
Environment Agency - North East Region	December 1998	
Prosecutions Relating to Authorised Processes		
Environment Agency - North East Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - North East Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Head Office	May 2023	
Environment Agency - North East Region	May 2023	
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - North East Region - North East Area	April 2024	Quarterly
Environment Agency - North East Region - Northumbria Area	April 2024	Quarterly

Data Currency

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - North East Region	July 2024	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	July 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Data Currency

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	August 2024	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - North East Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - North East Region - North East Area	August 2024	Quarterly
Environment Agency - North East Region - Northumbria Area	May 2024	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - North East Region - North East Area	July 2024	Quarterly
Environment Agency - North East Region - Northumbria Area	July 2024	Quarterly
Local Authority Landfill Coverage		
City of Newcastle upon Tyne Council - Environmental Health Department	February 2003	Not Applicable
Gateshead Metropolitan Borough Council - Development Control	February 2003	Not Applicable
North Tyneside Metropolitan Borough Council - Environmental Health Department	February 2003	Not Applicable
South Tyneside Metropolitan Borough Council - Planning Department	February 2003	Not Applicable
Sunderland City Metropolitan Borough Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
City of Newcastle upon Tyne Council - Environmental Health Department	October 2018	
Gateshead Metropolitan Borough Council - Development Control	October 2018	
North Tyneside Metropolitan Borough Council - Environmental Health Department	October 2018	
South Tyneside Metropolitan Borough Council - Planning Department	October 2018	
Sunderland City Metropolitan Borough Council - Environmental Health Department	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - North East Region - North East Area	March 2006	Not Applicable
Environment Agency - North East Region - Northumbria Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - North East Region - North East Area	April 2018	
Environment Agency - North East Region - Northumbria Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - North East Region - North East Area	June 2015	
Environment Agency - North East Region - Northumbria Area	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	January 2024	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Gateshead Metropolitan Borough Council - Development Control	February 2016	Variable
North Tyneside Metropolitan Borough Council - Development Function	July 2023	Variable
City of Newcastle upon Tyne Council	June 2023	Variable
South Tyneside Metropolitan Borough Council - Planning Department	June 2023	Variable
Sunderland City Metropolitan Borough Council - Planning	June 2023	Variable
Planning Hazardous Substance Consents		
City of Newcastle upon Tyne Council	February 2016	Variable
Gateshead Metropolitan Borough Council - Development Control	February 2016	Variable
North Tyneside Metropolitan Borough Council - Development Function	February 2016	Variable
South Tyneside Metropolitan Borough Council - Planning Department	February 2016	Variable
Sunderland City Metropolitan Borough Council - Planning	February 2016	Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	October 2023	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	October 2023	Annually

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	June 2024	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	September 2024	Quarterly
Points of Interest - Education and Health PointX	September 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2024	Quarterly
Points of Interest - Public Infrastructure PointX	September 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	Bi-Annually

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	April 2024	Bi-Annually
Areas of Adopted Green Belt		
City of Newcastle upon Tyne Council	July 2024	Quarterly
Gateshead Metropolitan Borough Council - Development Control	July 2024	Quarterly
North Tyneside Metropolitan Borough Council	July 2024	Quarterly
South Tyneside Metropolitan Borough Council - Planning Department	July 2024	Quarterly
Sunderland City Metropolitan Borough Council - Planning	July 2024	Quarterly
Areas of Unadopted Green Belt		
City of Newcastle upon Tyne Council	July 2024	Quarterly
Gateshead Metropolitan Borough Council - Development Control	July 2024	Quarterly
North Tyneside Metropolitan Borough Council	July 2024	Quarterly
South Tyneside Metropolitan Borough Council - Planning Department	July 2024	Quarterly
Sunderland City Metropolitan Borough Council - Planning	July 2024	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	May 2024	Bi-Annually
Environmentally Sensitive Areas		
Natural England	August 2023	
Forest Parks		
Forestry Commission	May 2023	Not Applicable
Local Nature Reserves		
Natural England	August 2024	Bi-Annually
Marine Nature Reserves		
Natural England	August 2024	Bi-Annually
National Nature Reserves		
Natural England	August 2024	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	April 2024	Bi-Annually
Ramsar Sites		
Natural England	August 2024	Bi-Annually
Sites of Special Scientific Interest		
Natural England	April 2024	Bi-Annually
Special Areas of Conservation		
Natural England	April 2024	Bi-Annually
Special Protection Areas		
Natural England	April 2024	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**South Tyneside Metropolitan Borough Council - Environmental Health Department** Central Library Building, Prince George Square, South Shields, Tyne And Wear, NE33 2PE	Telephone: 0191 427 1717 Fax: 0191 427 7171 Website: www.s-tyneside-mbc.gov.uk
4	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	**South Tyneside Metropolitan Borough Council - Planning Department** Town Hall & Civic Offices, Westoe Road, South Shields, Tyne & Wear, NE33 2RL	Telephone: 0191 427 1717 Fax: 0191 427 7171 Website: www.s-tyneside-mbc.gov.uk
7	**The Coal Authority - Property Searches** 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	**PointX** 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
		Faults		
		Rock Segments		

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SUPNM	Superficial Theme Not Mapped [For Digital Map Use Only]	Unknown/Unclassified Entry	Not Supplied - Not Supplied
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	PELC	Pelaw Clay Member	Clay	Not Supplied - Devensian
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GLLDD	Glaciolacustrine Deposits, Devensian	Clay and Silt	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	HBDY	Hebburn Dyke	Microgabbro	Not Supplied - Palaeogene
	RML	Raisby Formation	Dolostone	Not Supplied - GUADALUPIAN
	FML	Ford Formation	Dolostone	Not Supplied - GUADALUPIAN
	ROD	Roker Formation	Dolostone	Not Supplied - GUADALUPIAN
	FMLS	Ford Formation (Shelf-Edge Reef)	Dolostone	Not Supplied - GUADALUPIAN
	YWS	Yellow Sands Formation	Sandstone	Not Supplied - Cisuralian
	PUCM	Pennine Upper Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	PUCM	Pennine Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	PMCM	Pennine Middle Coal Measures Formation	Sandstone	Not Supplied - Westphalian

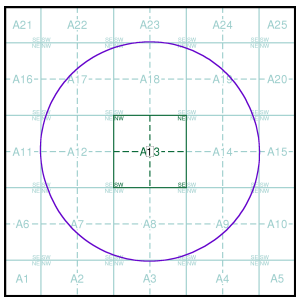
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**021**
Map Name:	**Sunderland**
Map Date:	**1978**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice A



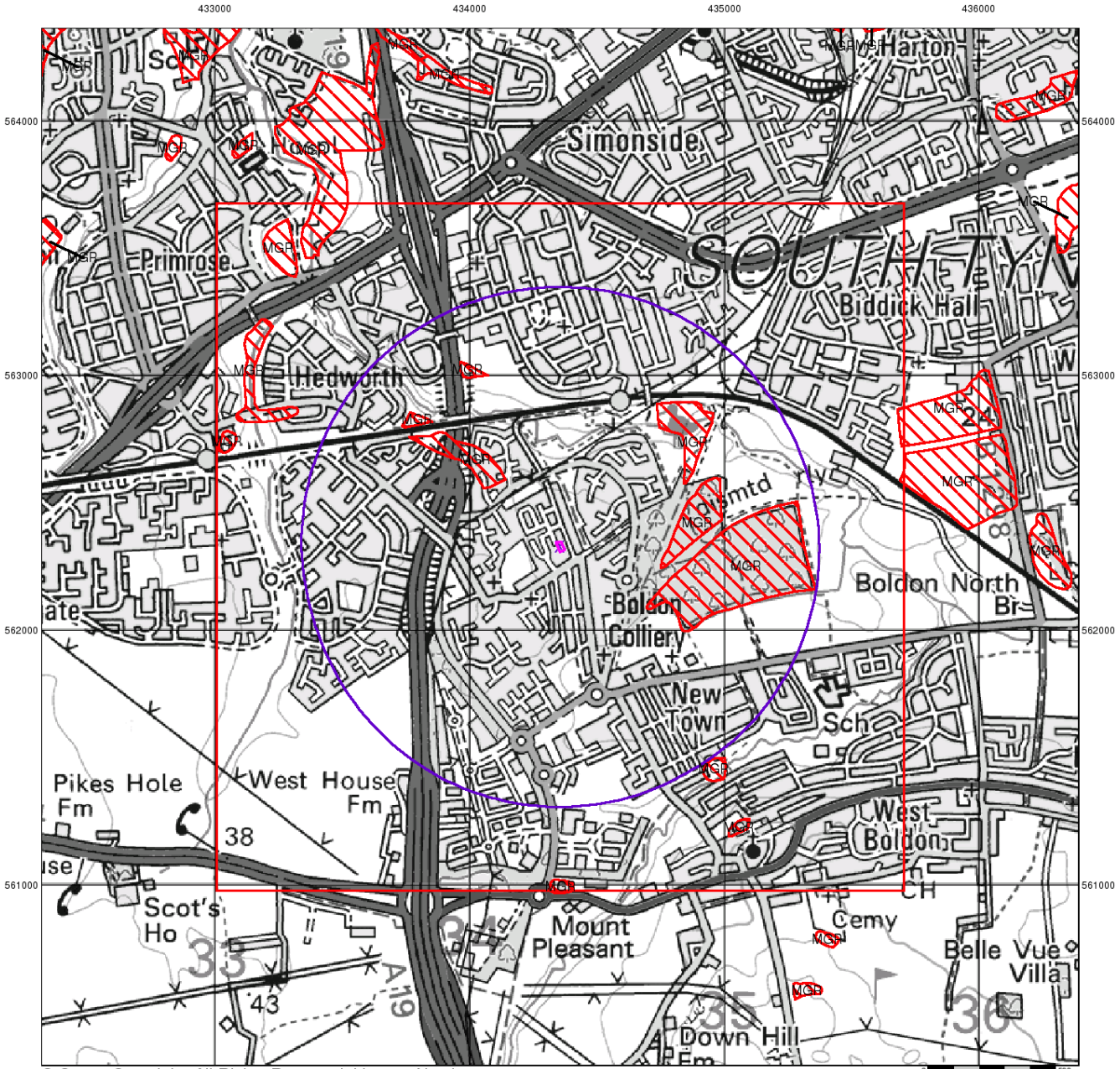
Order Details:

Order Number:	357209385_1_1
Customer Reference:	24-665
National Grid Reference:	434350, 562330
Slice:	A
Site Area (Ha):	0.08
Search Buffer (m):	1000

Site Details:

Coronation Terrace, Wilton Gardens South, BOLDON COLLIERY, NE35 9HW

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Artificial Ground and Landslip

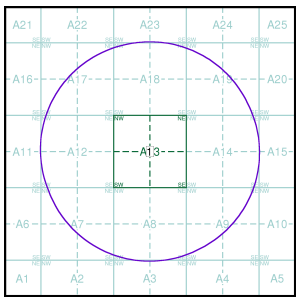
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



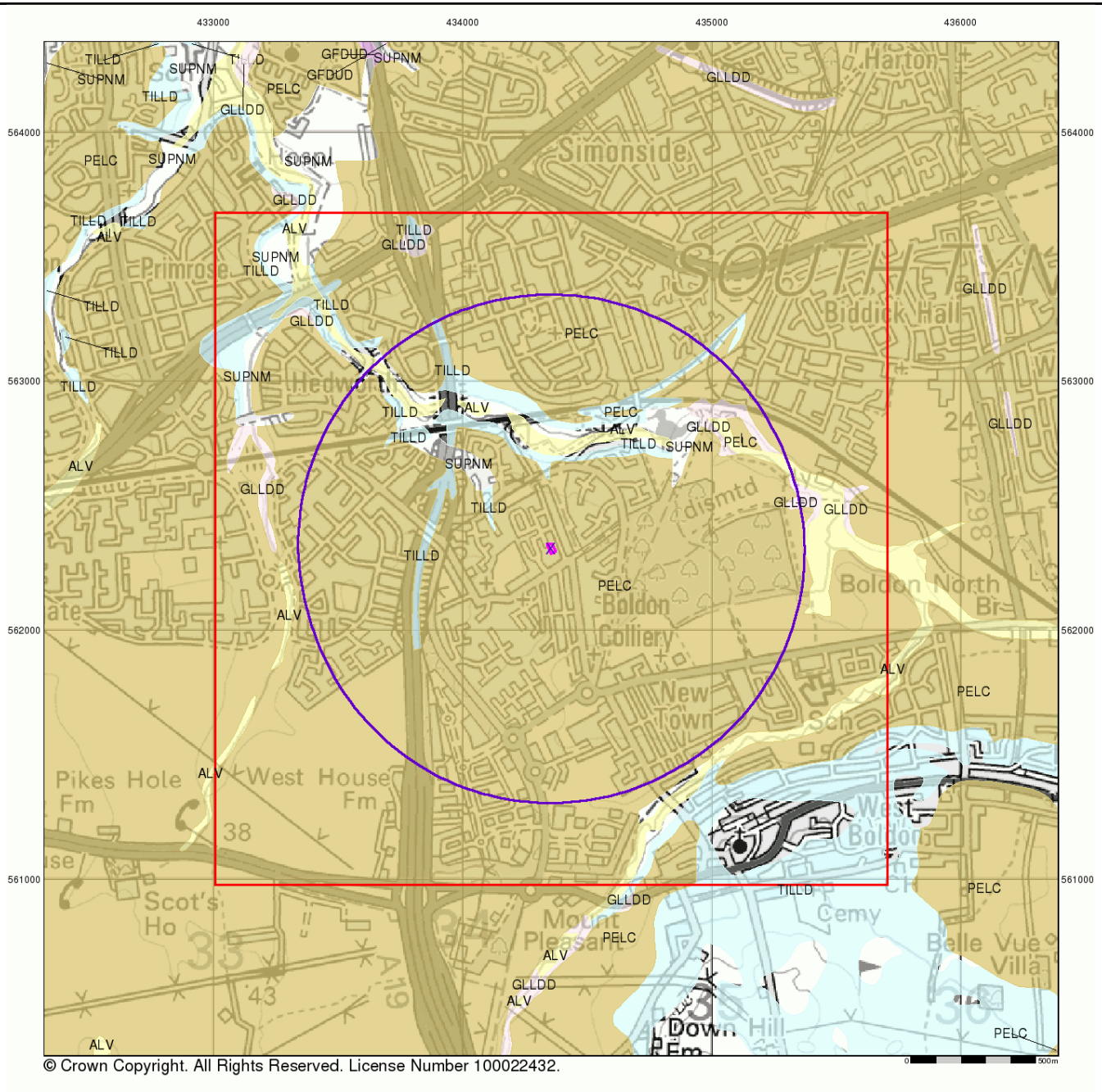
Order Details:

Order Number:	357209385_1_1
Customer Reference:	24-665
National Grid Reference:	434350, 562330
Slice:	A
Site Area (Ha):	0.08
Search Buffer (m):	1000

Site Details:

Coronation Terrace, Wilton Gardens South, BOLDON COLLIERY, NE35 9HW

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Web: www.envirocheck.co.uk



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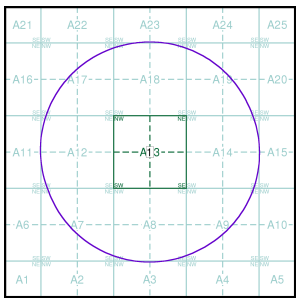
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



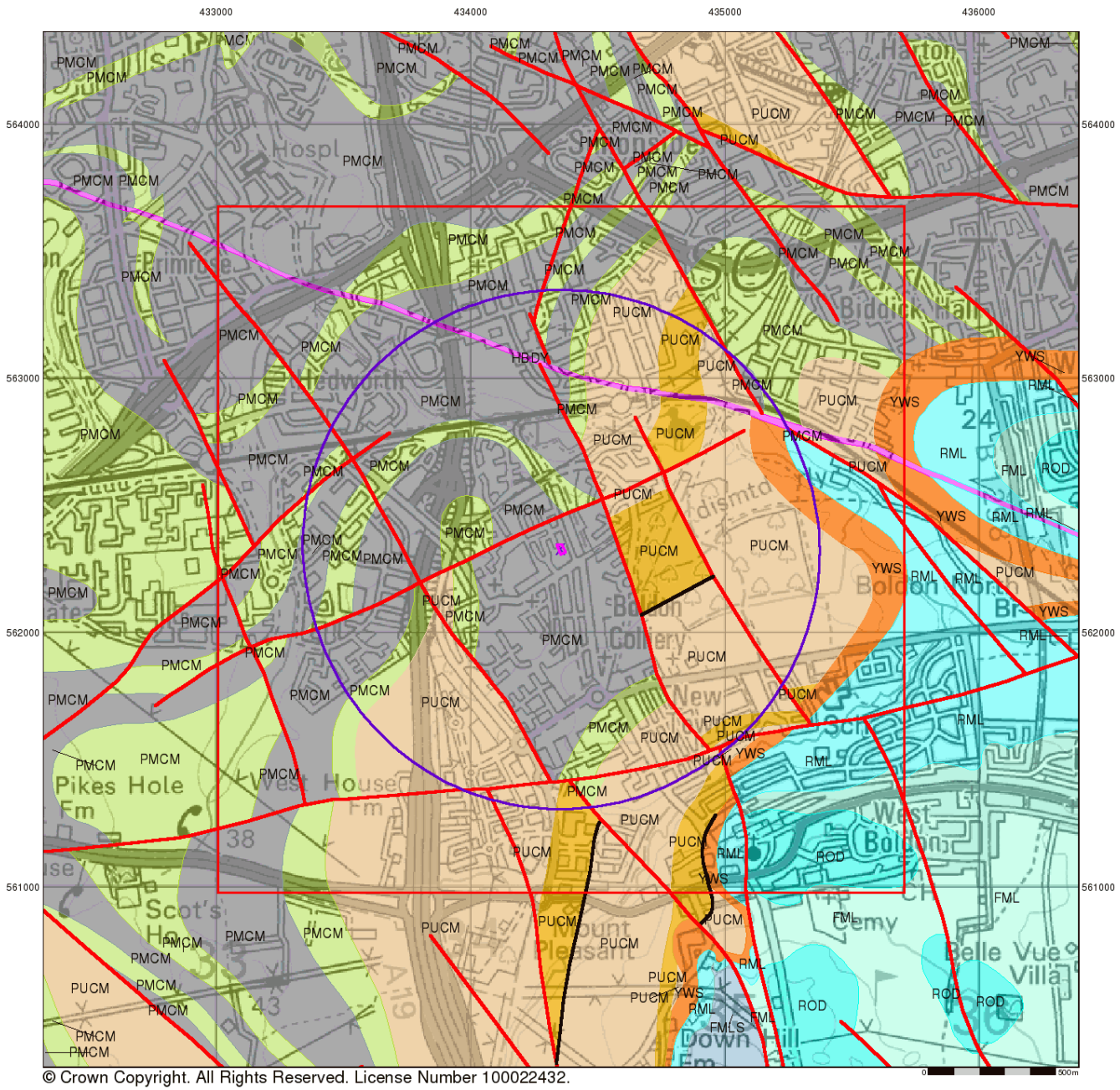
Order Details:

Order Number:	357209385_1_1
Customer Reference:	24-665
National Grid Reference:	434350, 562330
Slice:	A
Site Area (Ha):	0.08
Search Buffer (m):	1000

Site Details:

Coronation Terrace, Wilton Gardens South, BOLDON COLLIERY, NE35 9HW

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Fax: 0844 844 9951
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Bedrock and Faults

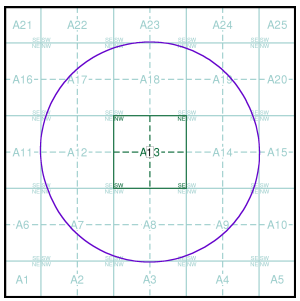
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A

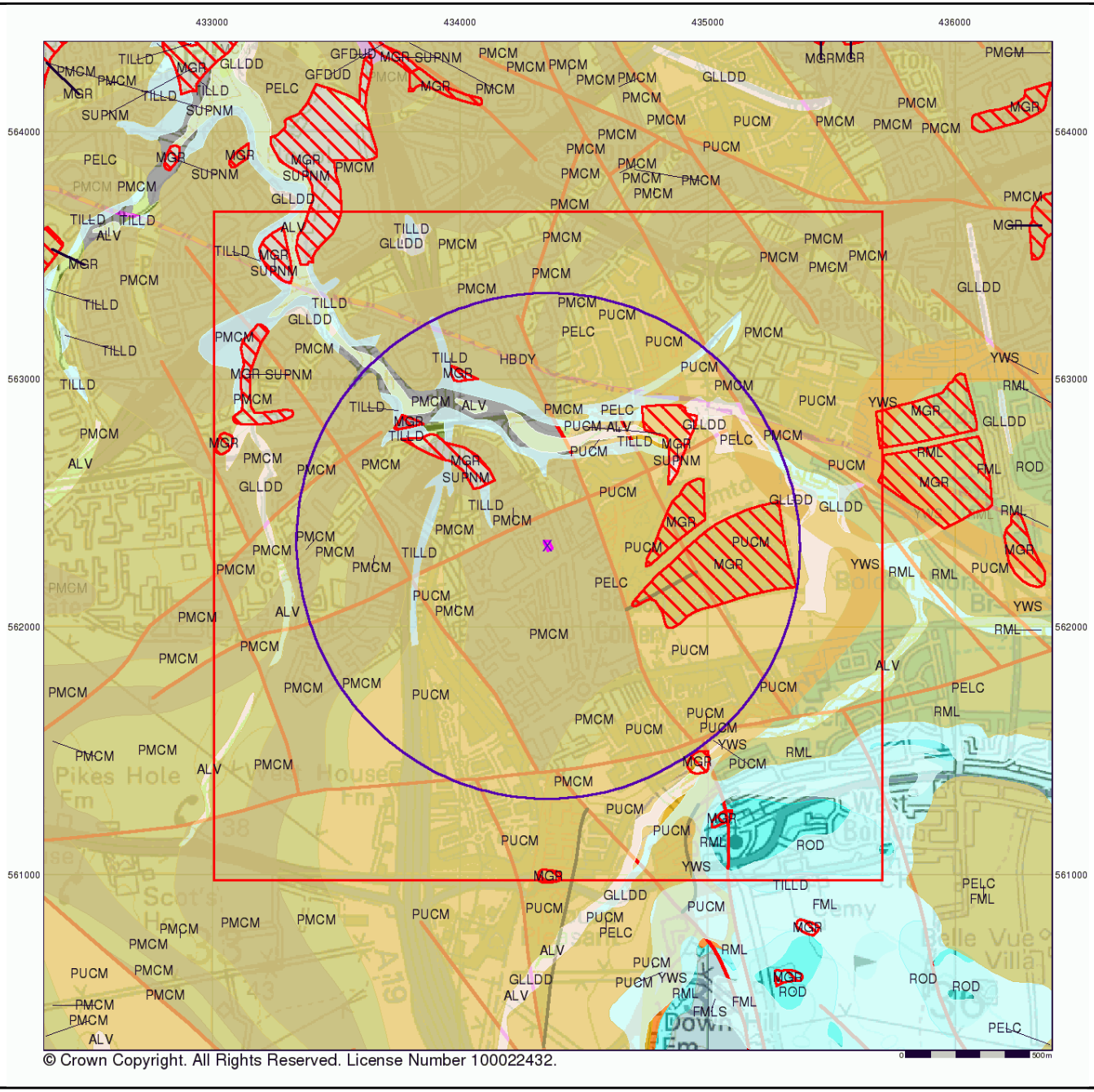


Order Details:

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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

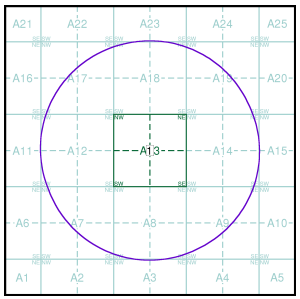
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A

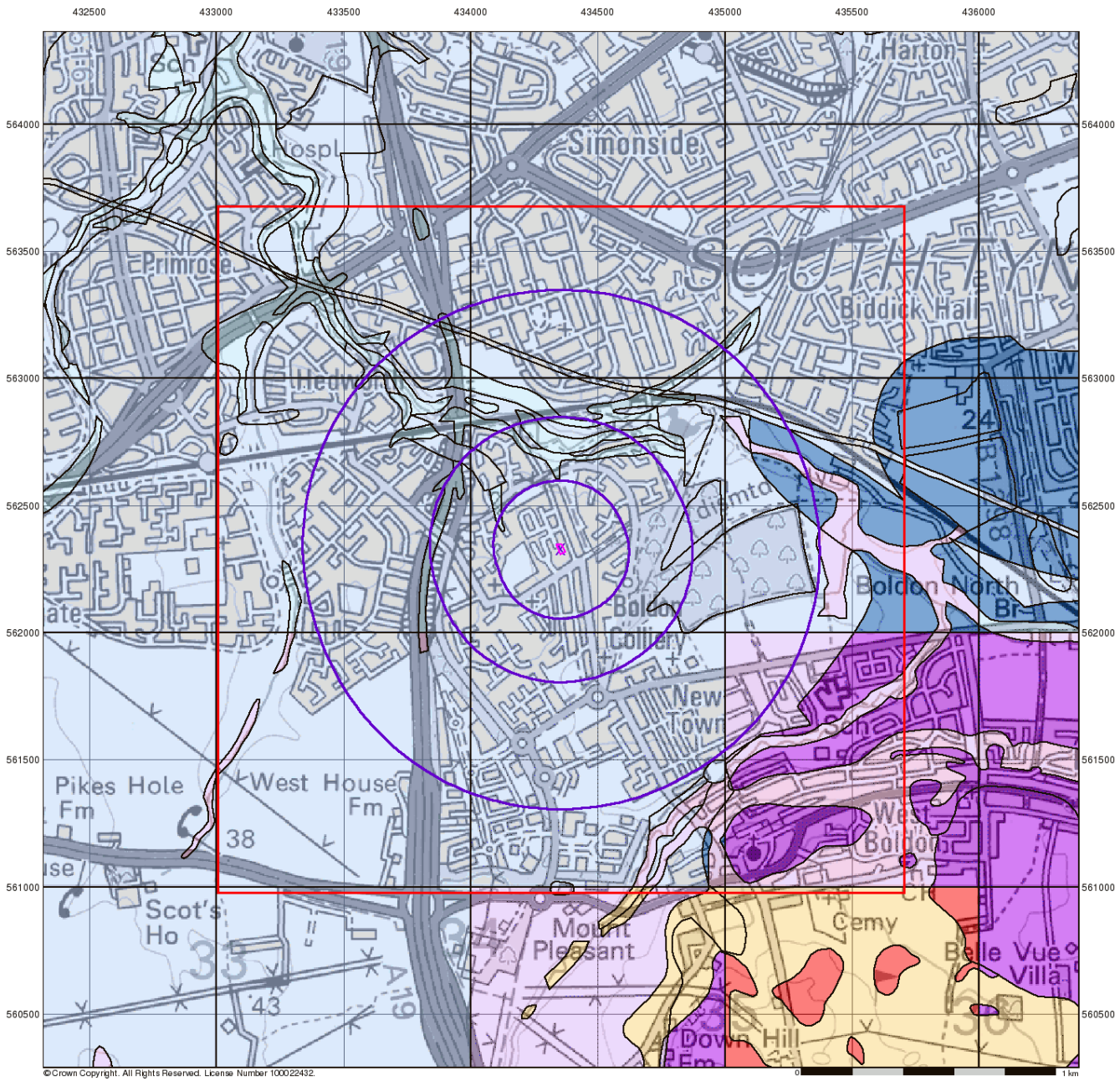


Order Details:

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Slice:	A
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Search Buffer (m):	1000

Site Details:

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Groundwater Vulnerability

General

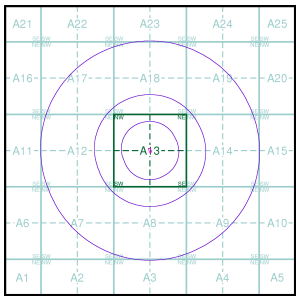
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer
Soluble Rock

Site Sensitivity Context Map - Slice A



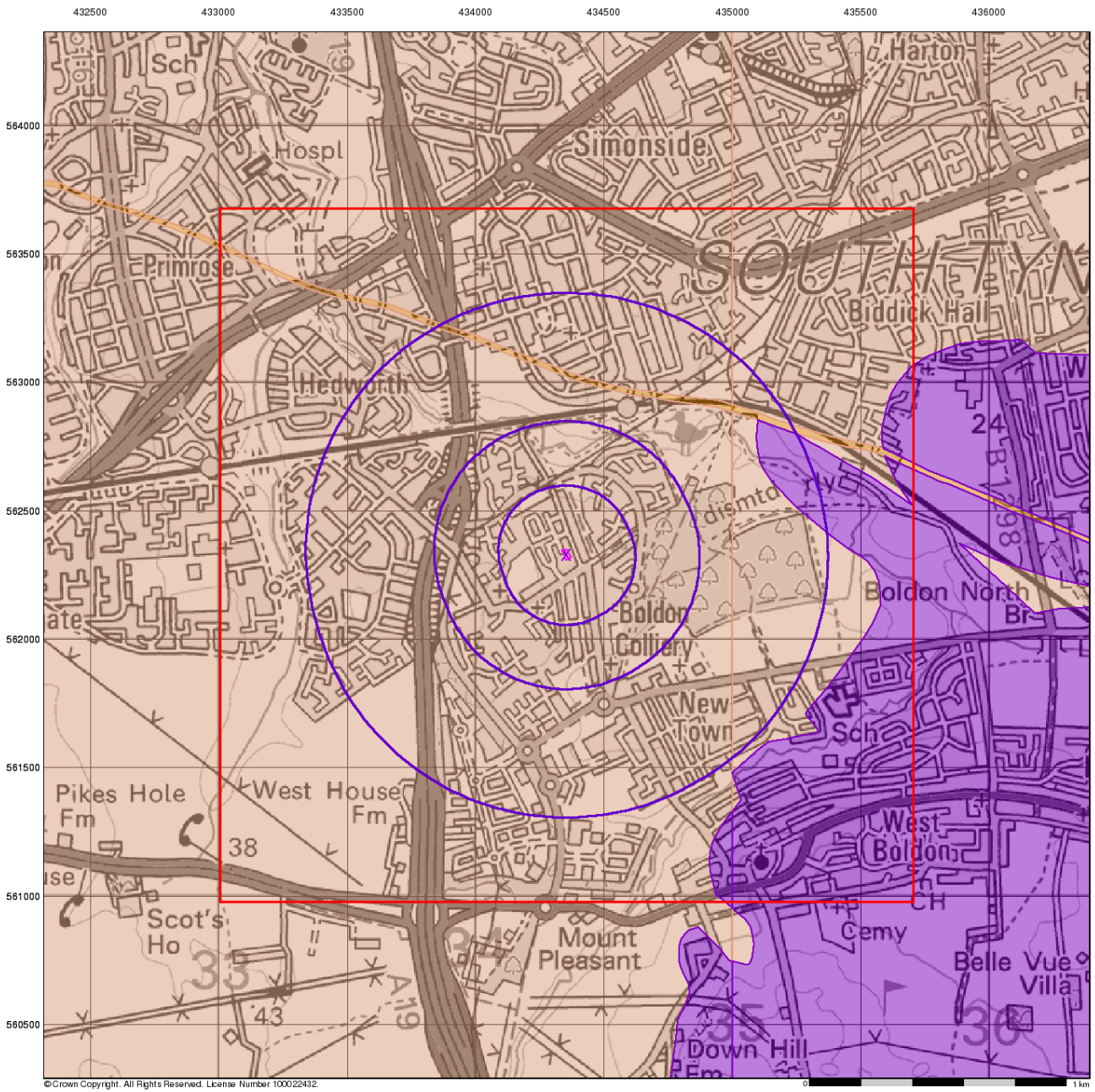
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Fax: 0844 844 9951
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Bedrock Aquifer Designation

General

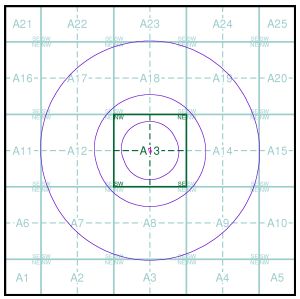
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A

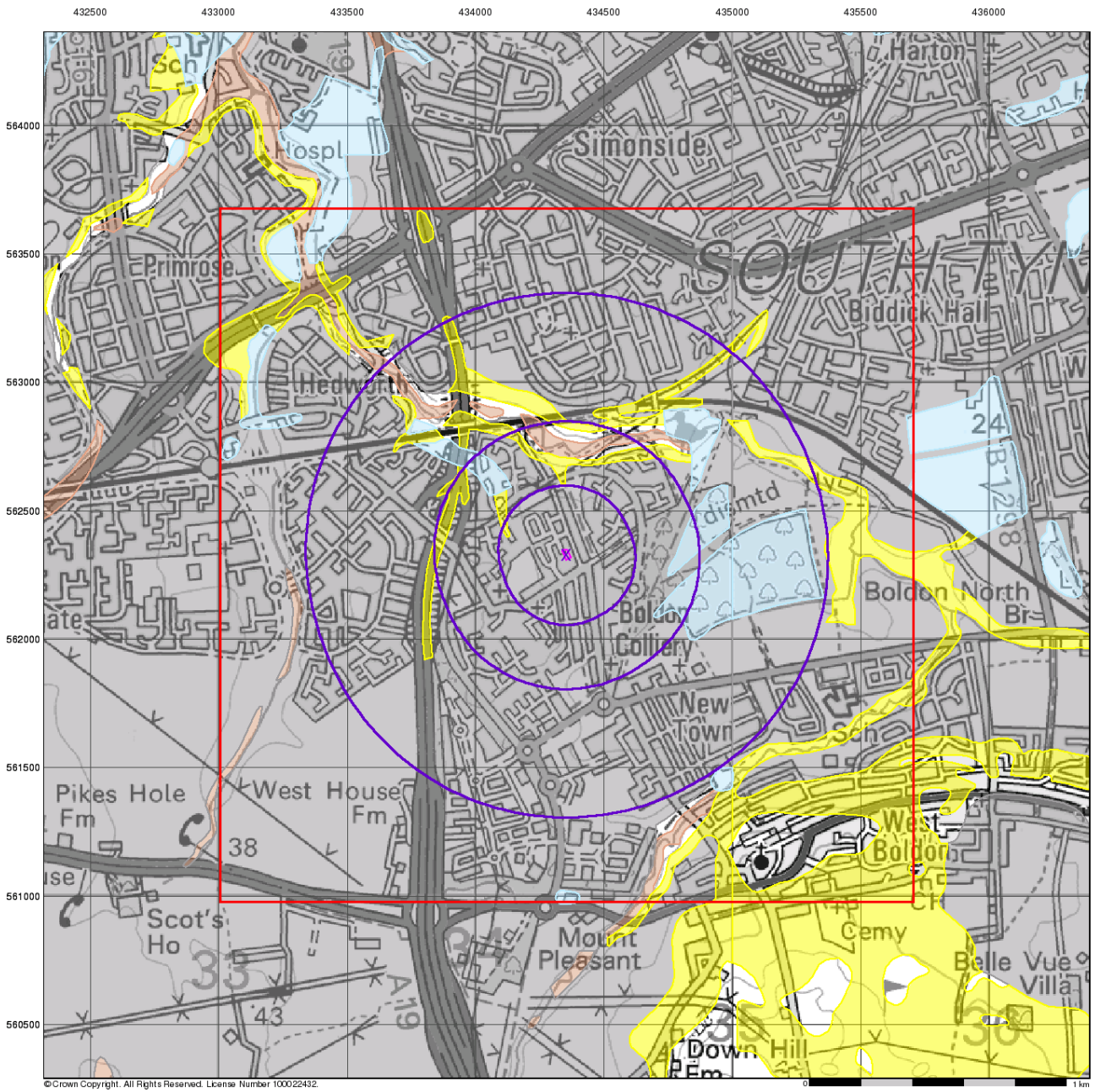


Order Details

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Customer Ref:	24-665
National Grid Reference:	434350, 562330
Slice:	A
Site Area (Ha):	0.08
Search Buffer (m):	1000

Site Details

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Superficial Aquifer Designation

General

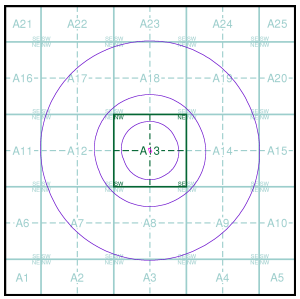
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A

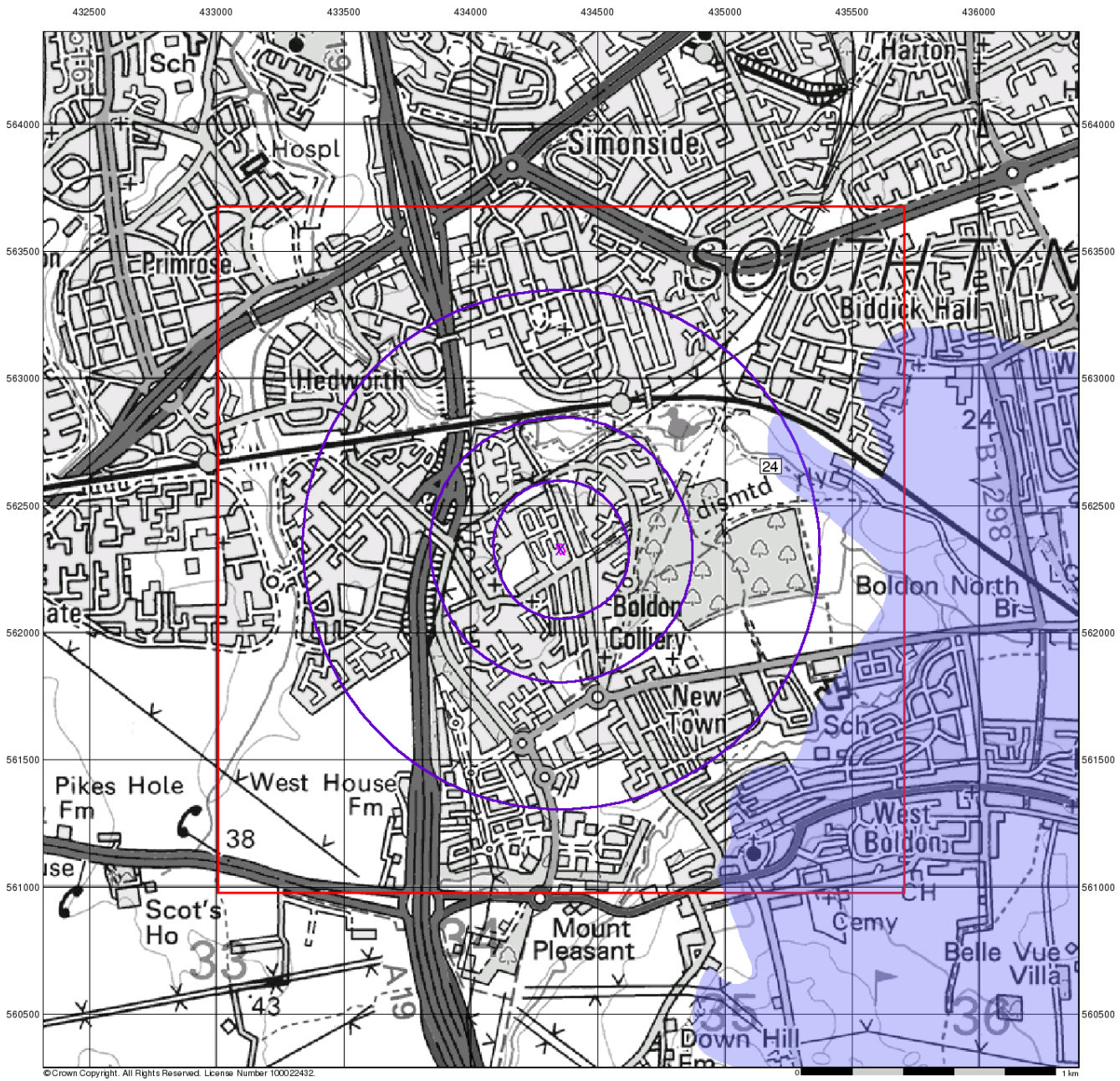


Order Details

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Customer Ref:	24-665
National Grid Reference:	434350, 562330
Slice:	A
Site Area (Ha):	0.08
Search Buffer (m):	1000

Site Details

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Source Protection Zones

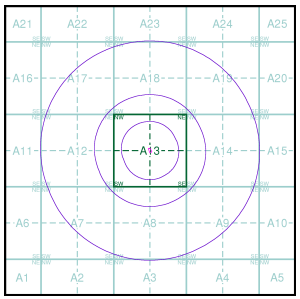
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



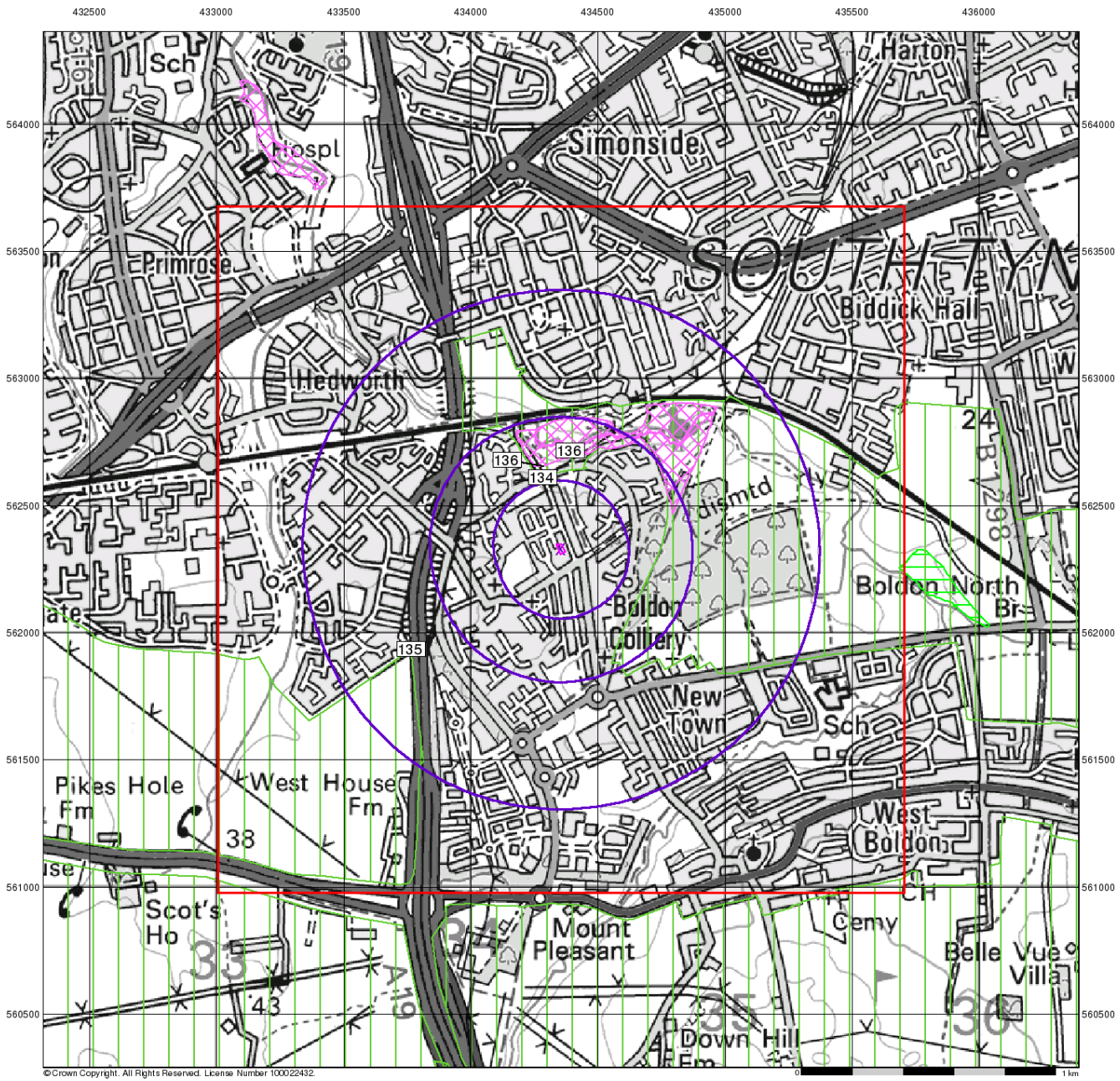
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Sensitive Land Uses

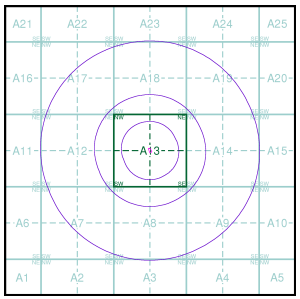
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A



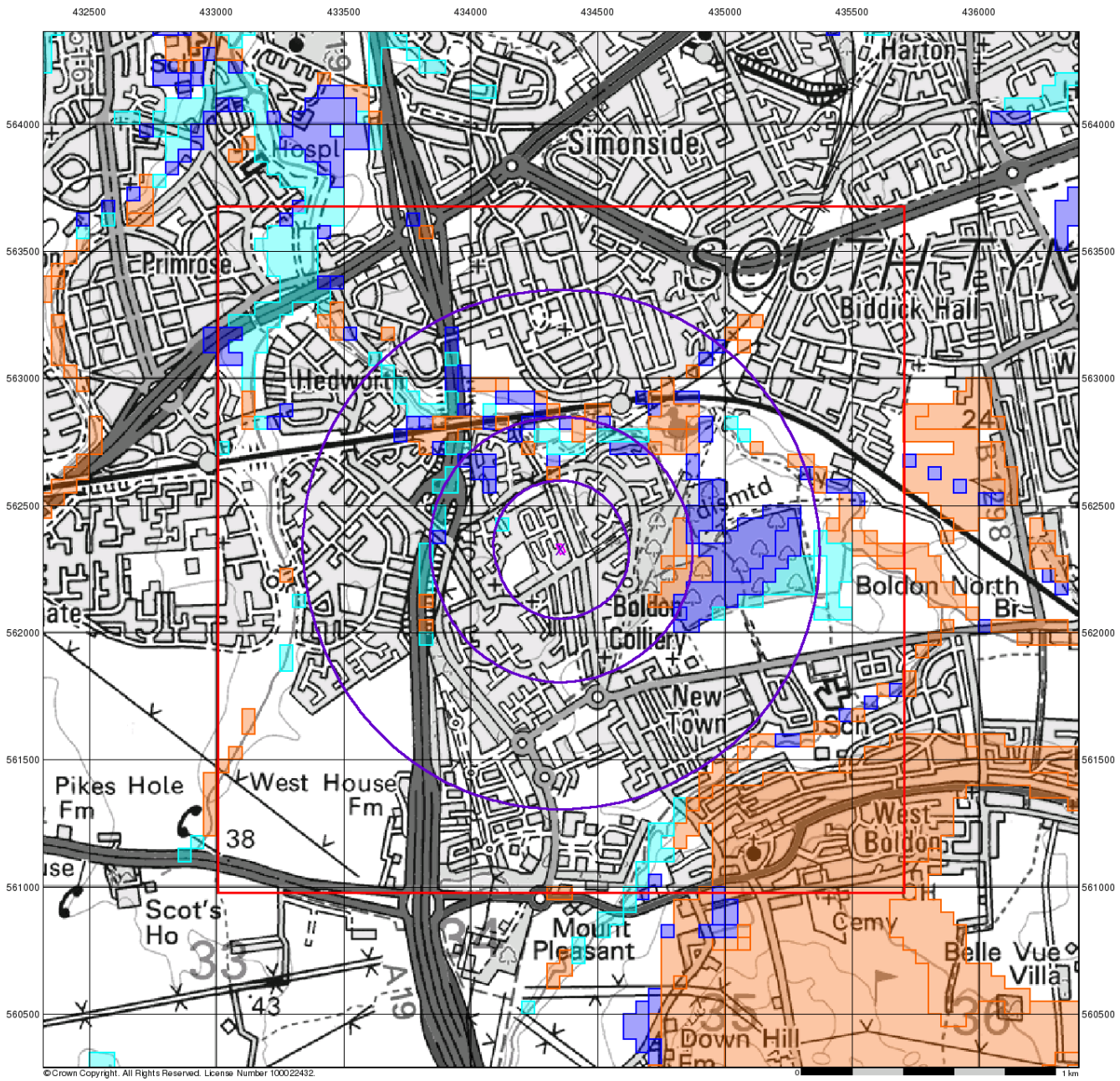
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BGS Flood GFS Data

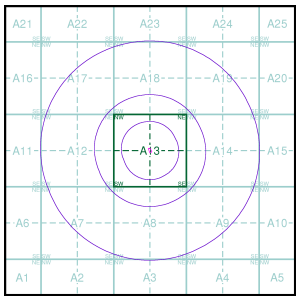
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A

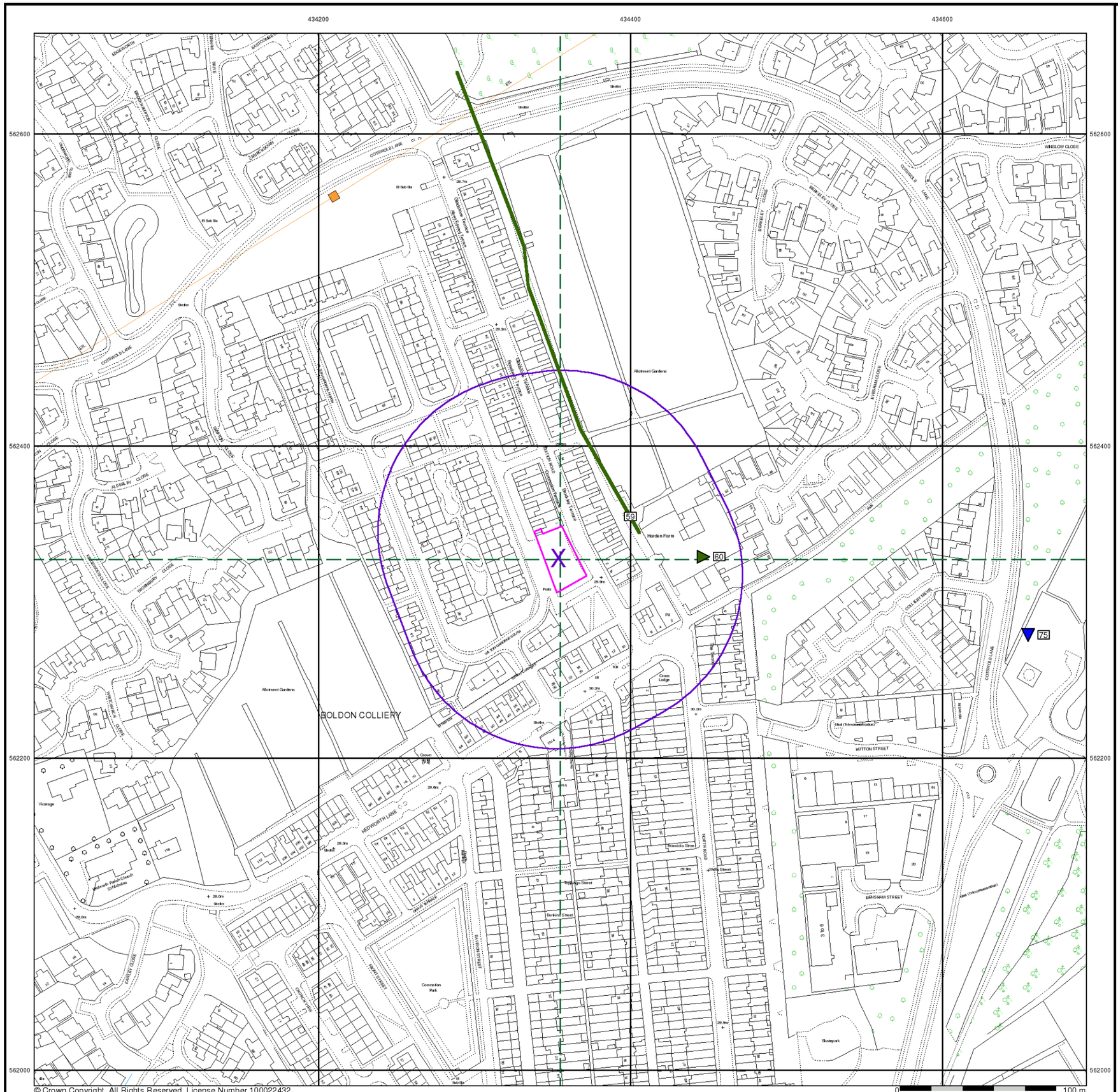


Order Details

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Customer Ref:	24-665
National Grid Reference:	434350, 562330
Slice:	A
Site Area (Ha):	0.08
Search Buffer (m):	1000

Site Details

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General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID
Several of Type at Location | Pylon | Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

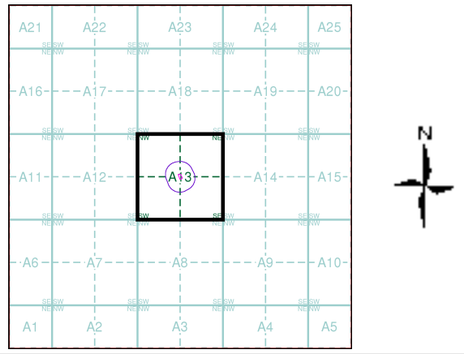
Hazardous Substances

COMAH Site | Explosive Site
NIHHS Site
Planning Hazardous Substance Consent
Planning Hazardous Substance Enforcement

Geological

BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13



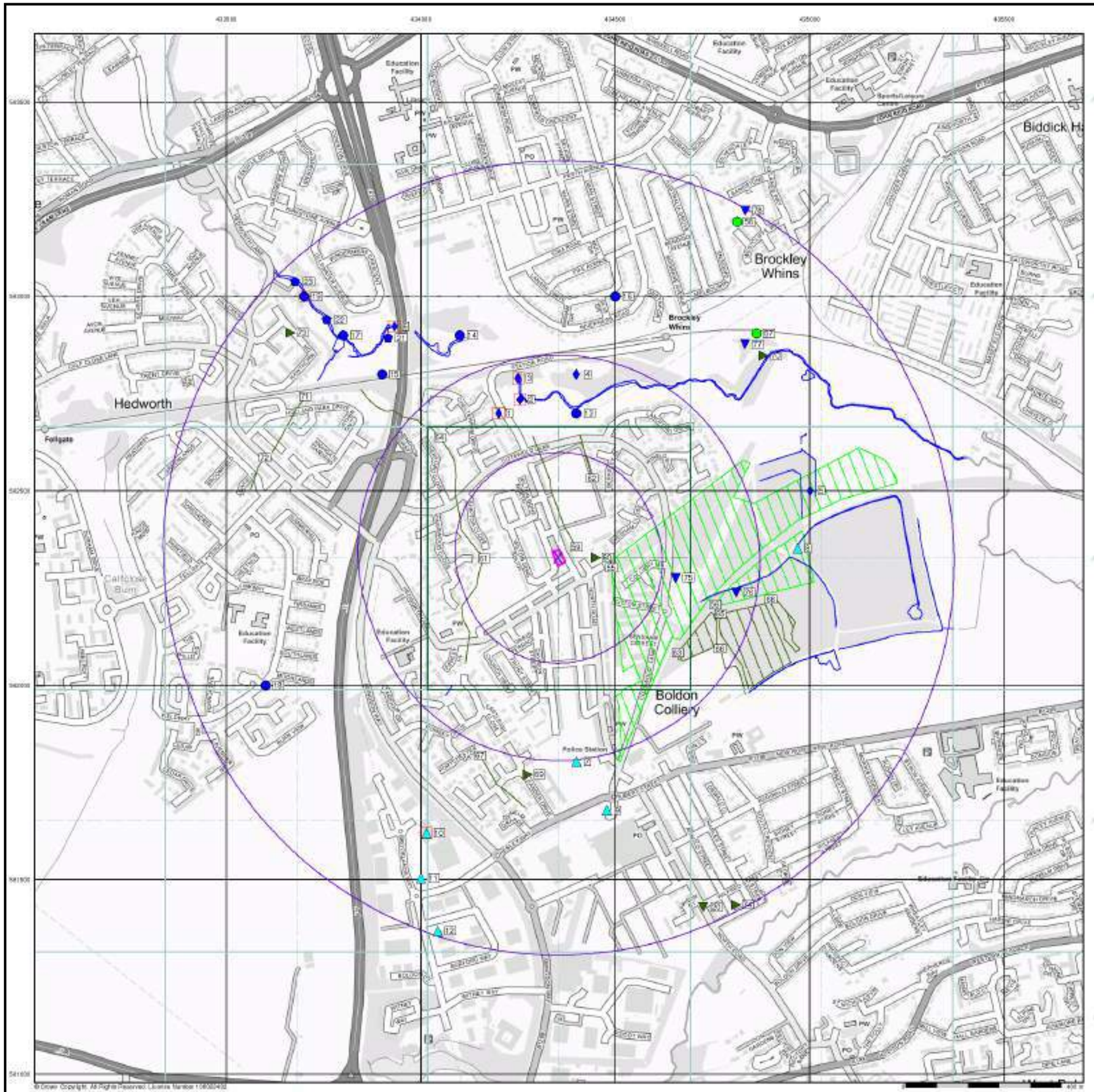
Order Details

Order Number:	357209385_1_1
Customer Ref:	24-665
National Grid Reference:	434350, 562330
Slice:	A
Site Area (Ha):	0.08
Plot Buffer (m):	100

Site Details

Coronation Terrace, Wilton Gardens South, BOLDON COLLIERY, NE35 9HW

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Fax: 0844 844 9951
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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

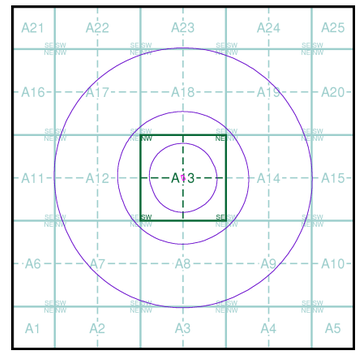
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
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- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
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- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



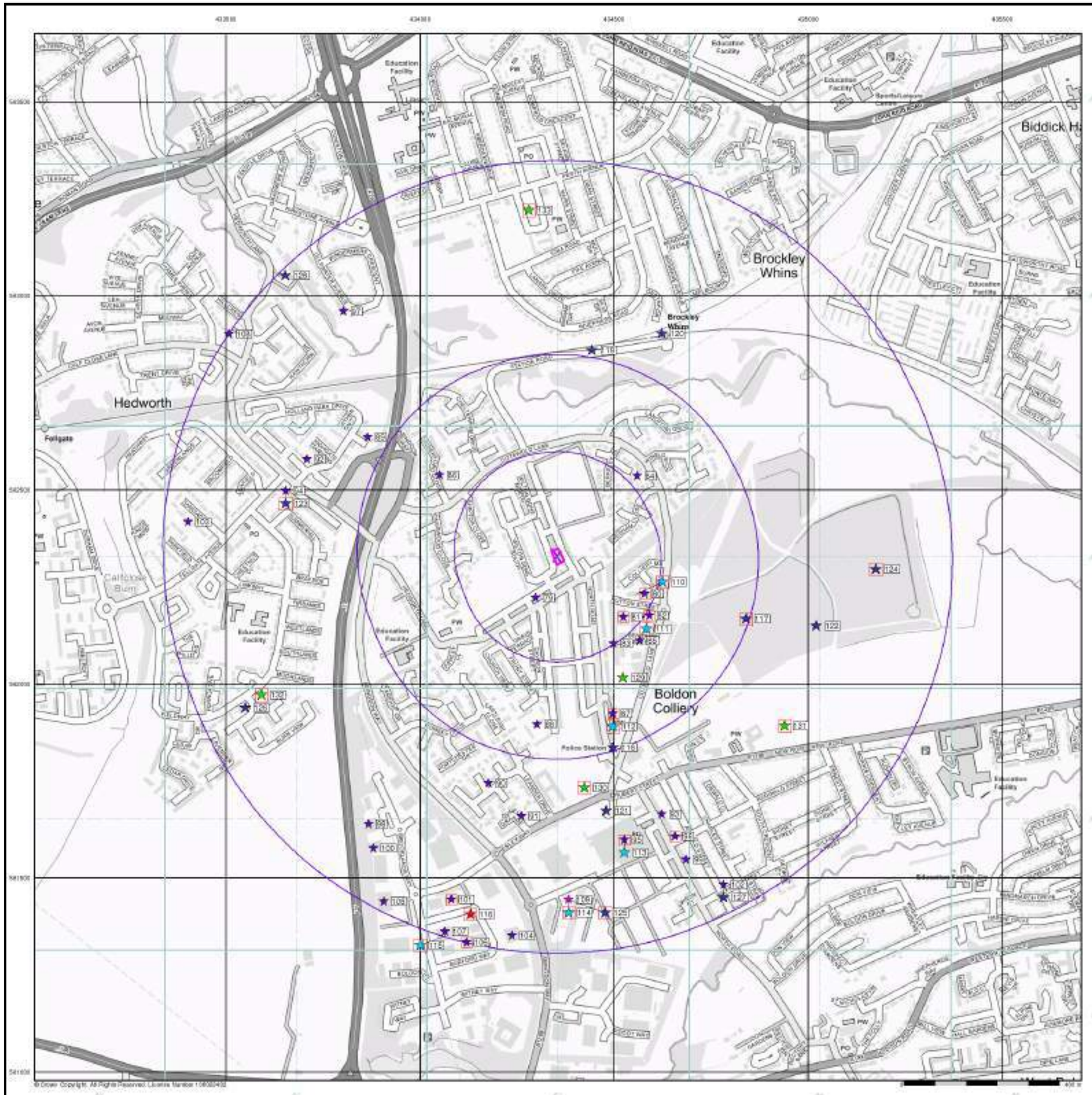
Order Details

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Site Area (Ha):	0.08
Search Buffer (m):	1000

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Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Industrial Land Use Map

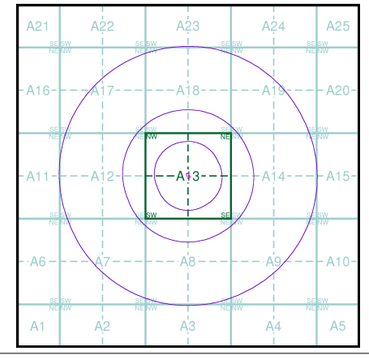
General

Specified Site
Specified Buffer(s)
Bearing Reference Point
Slice
Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A



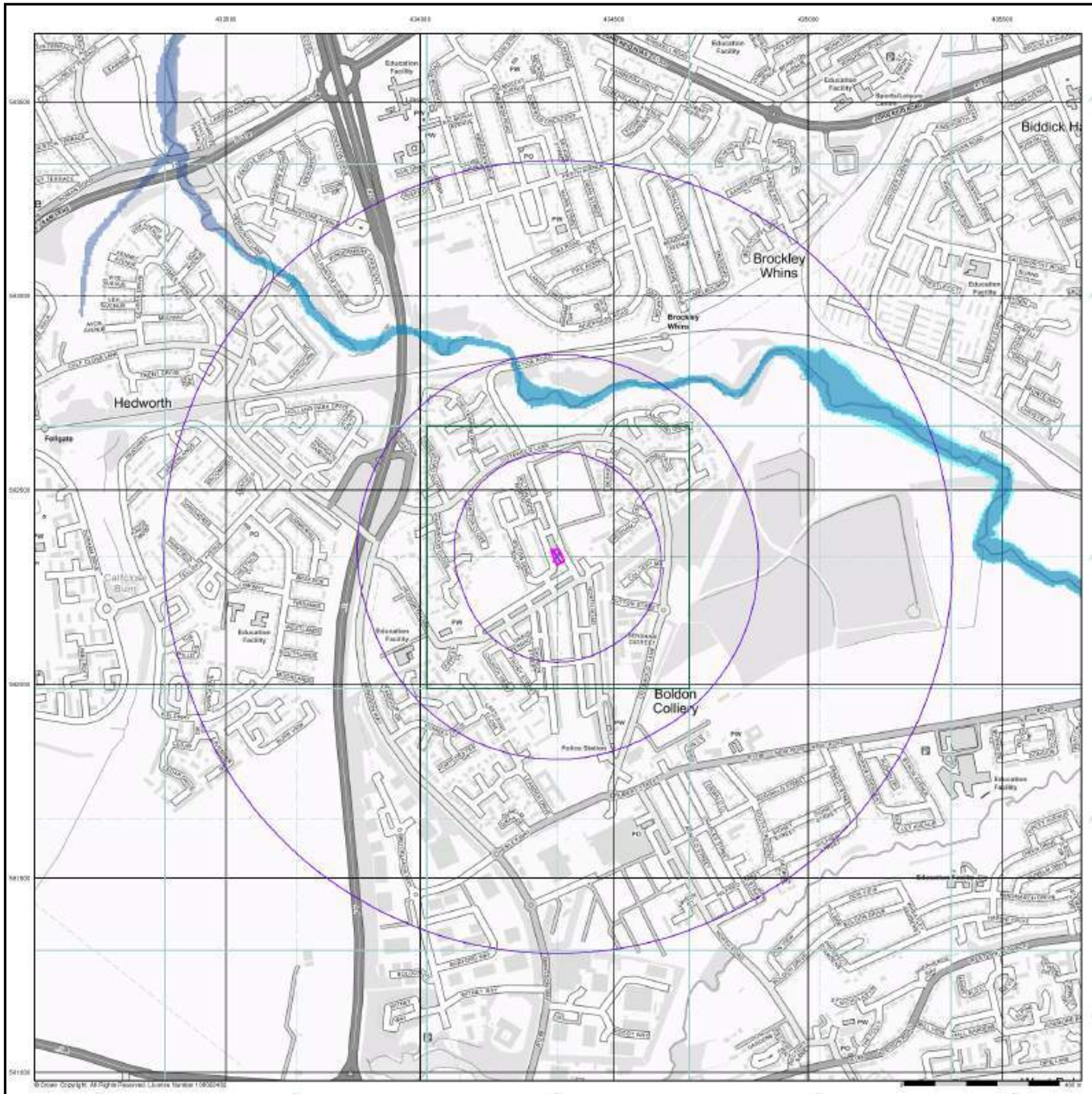
Order Details

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arc environmental

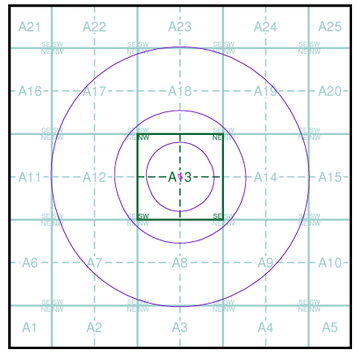
General

- Specified Site
- Specified Buffer(s)
- Grading Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

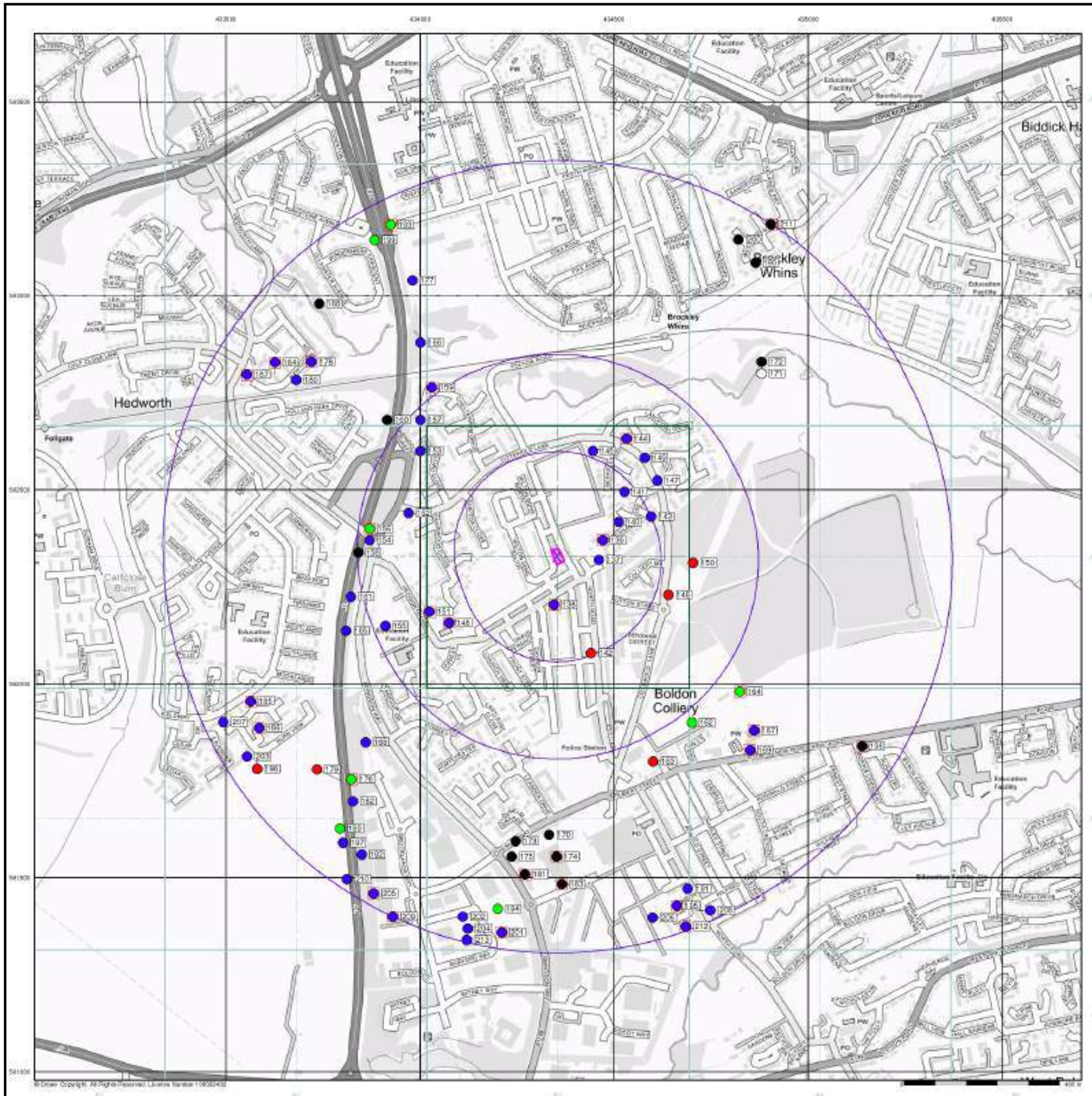
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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

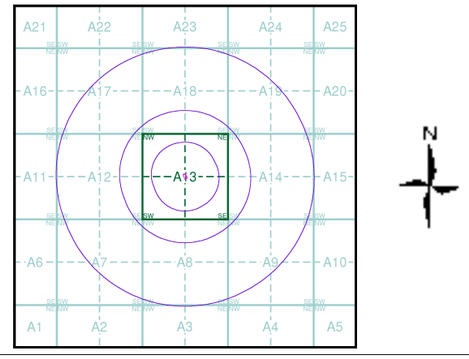
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A

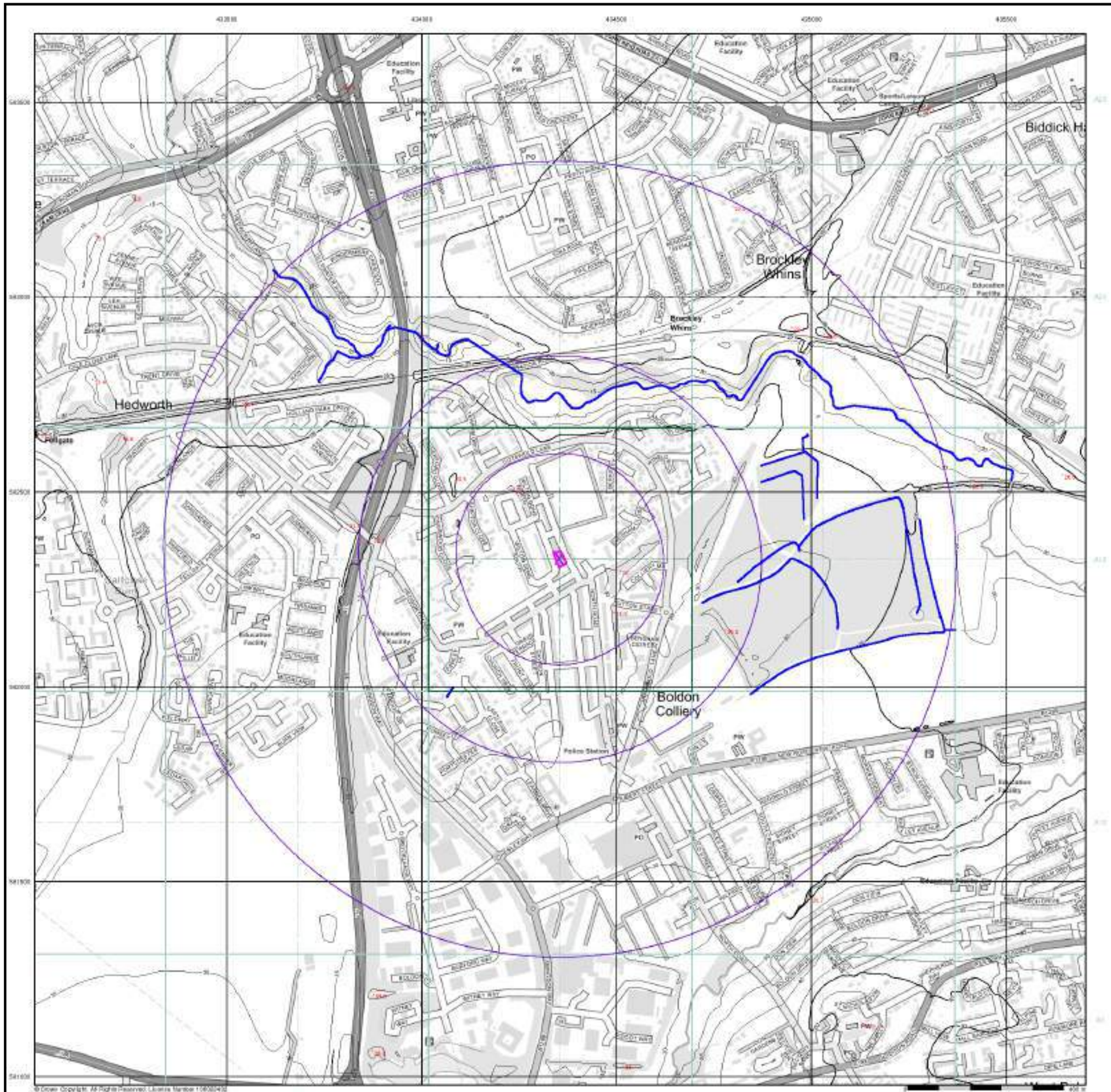


Order Details

Order Number:	357209385_1_1
Customer Ref:	24-665
National Grid Reference:	434350, 562330
Slice:	A
Site Area (Ha):	0.08
Search Buffer (m):	1000

Site Details

Coronation Terrace, Wilton Gardens South, BOLDON COLLIERY, NE35 9HW



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

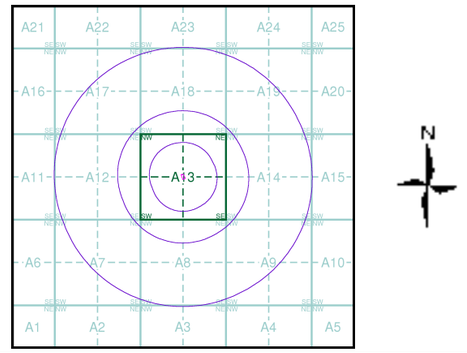
OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



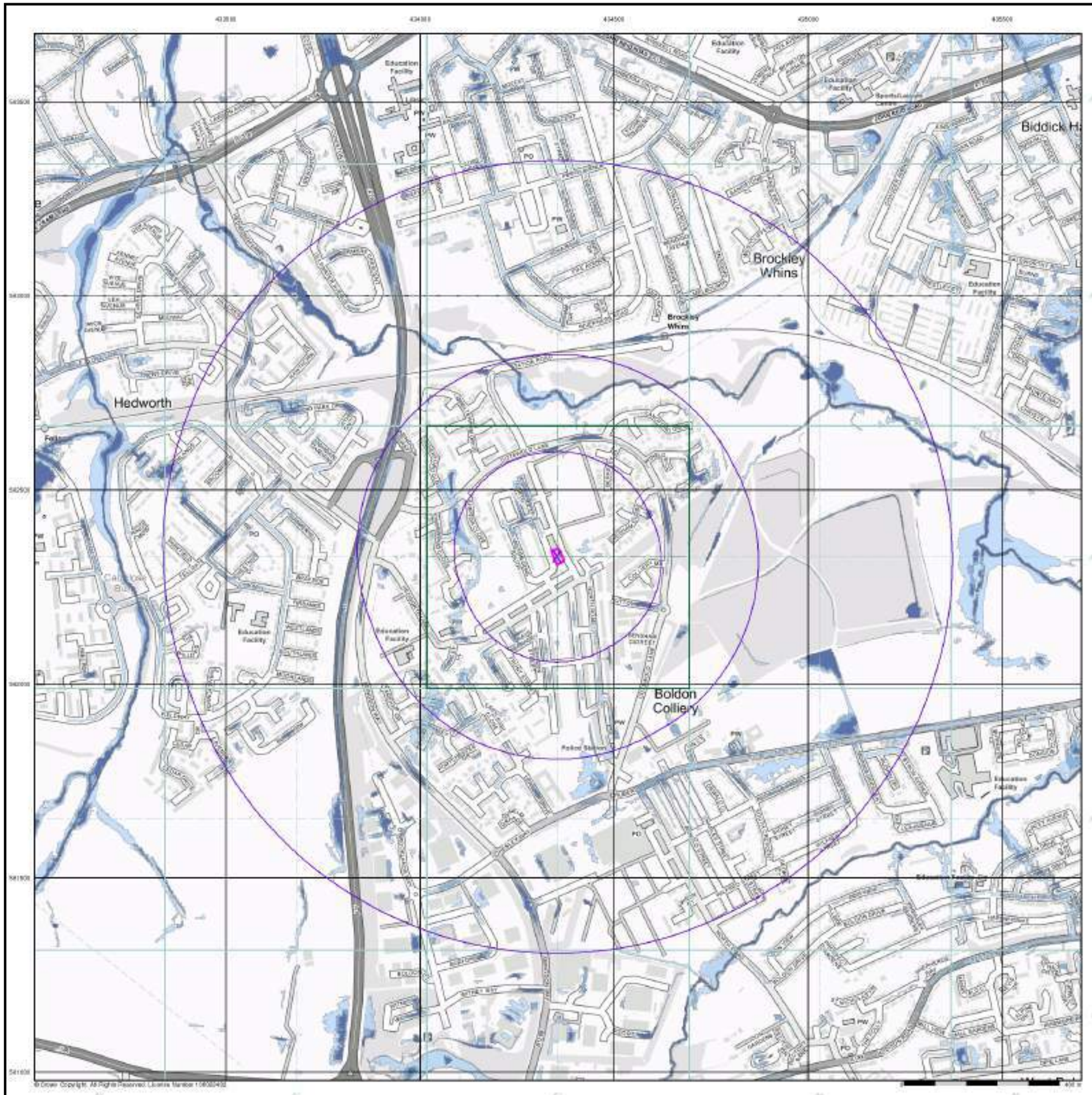
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Landmark INFORMATION GROUP
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Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Risk of Flooding from Surface Water

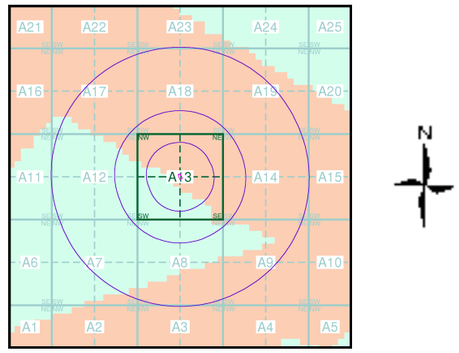
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice A



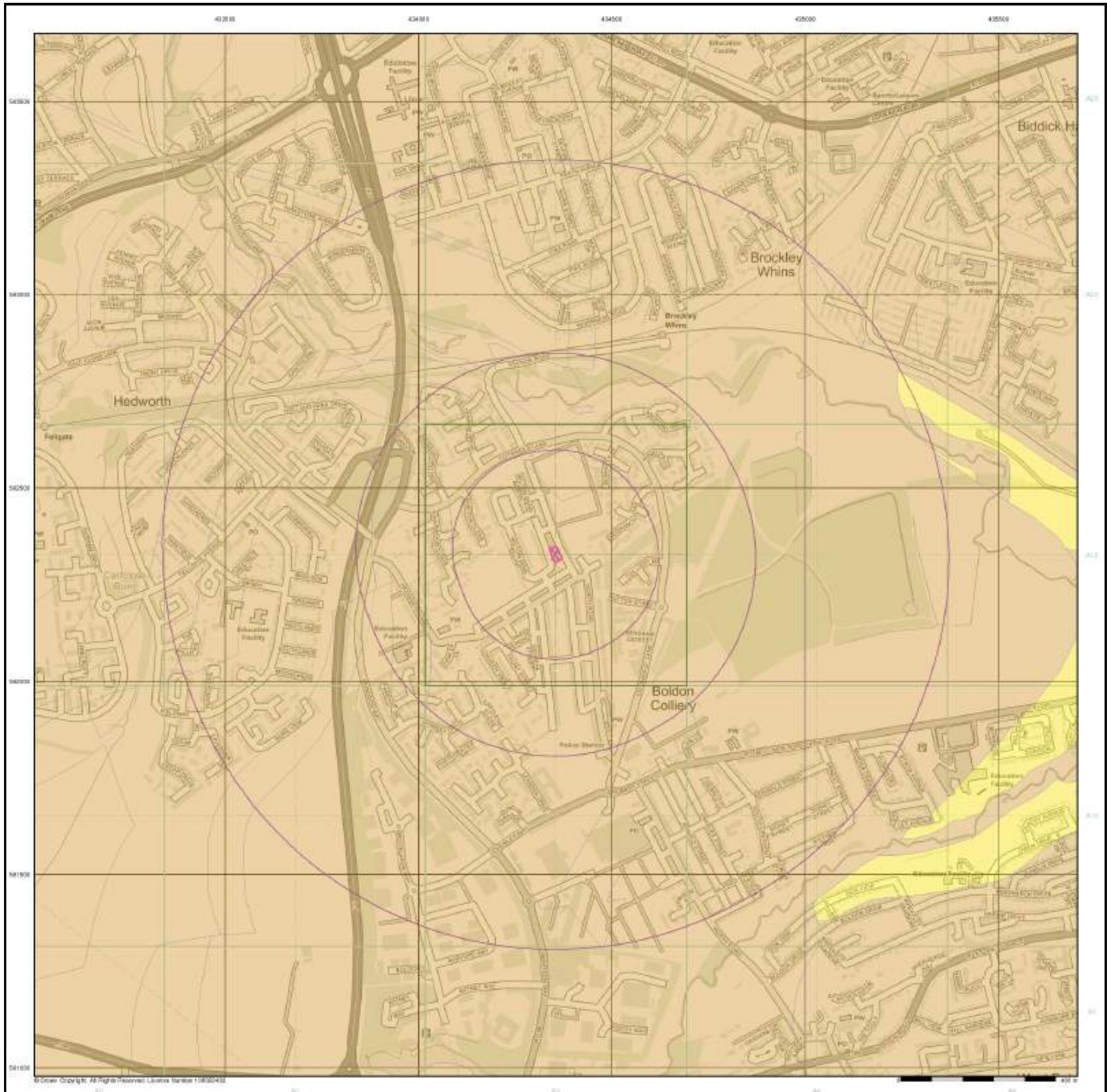
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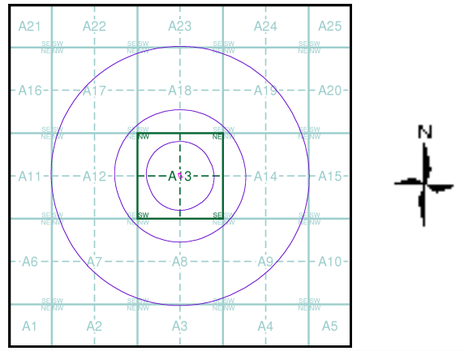
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice A



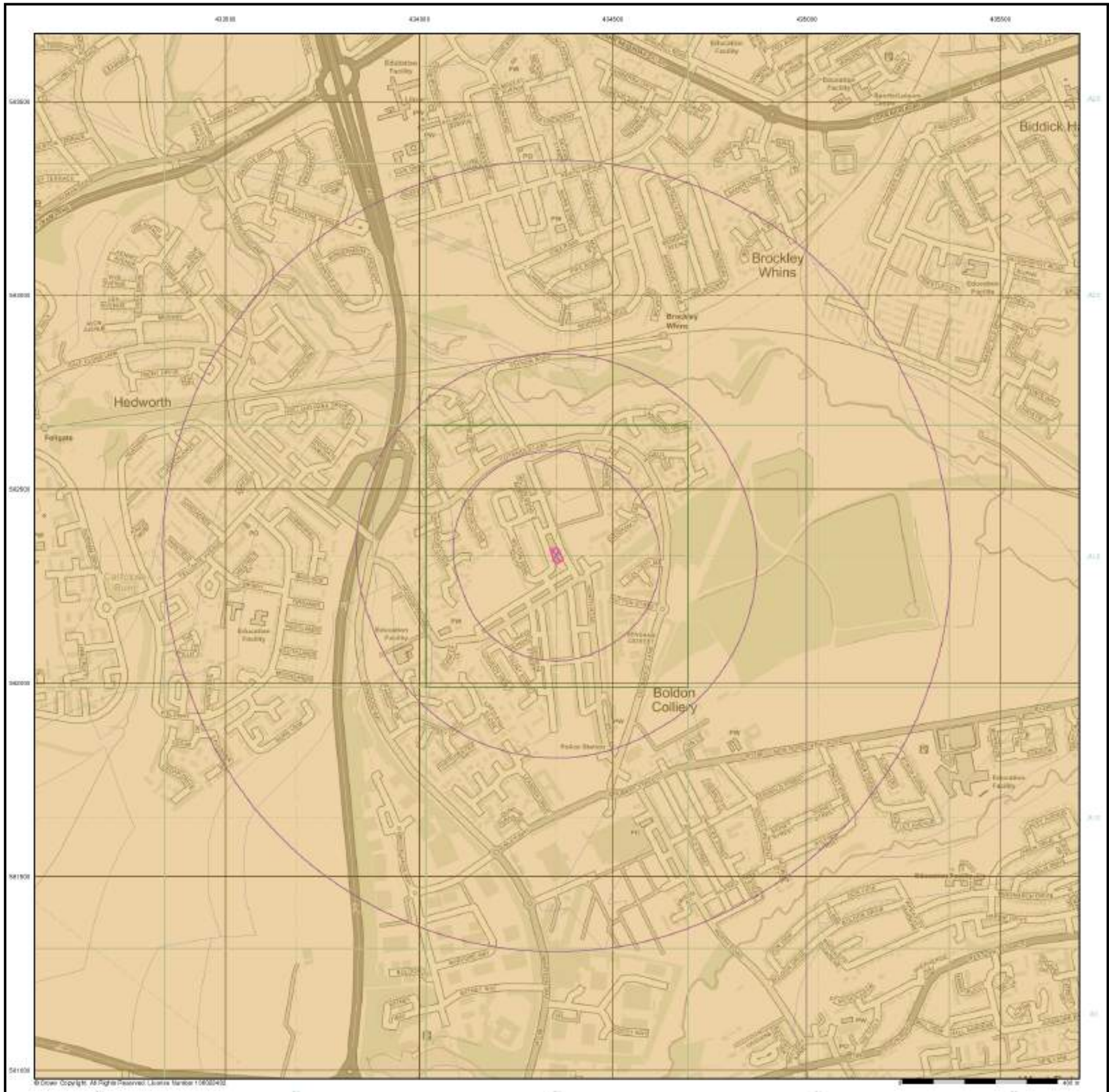
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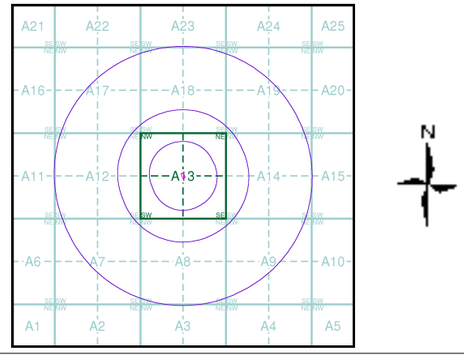
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice A



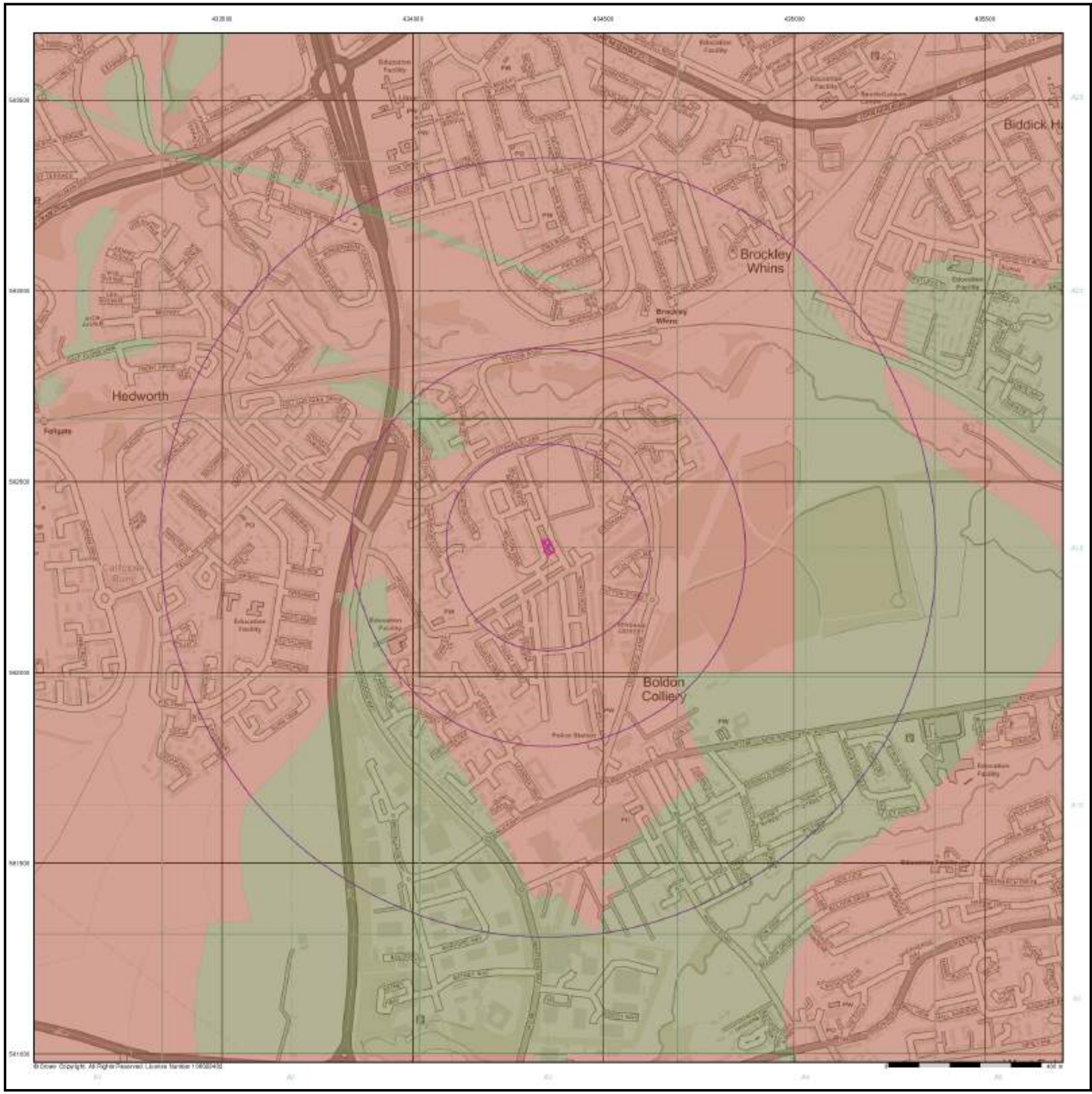
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General

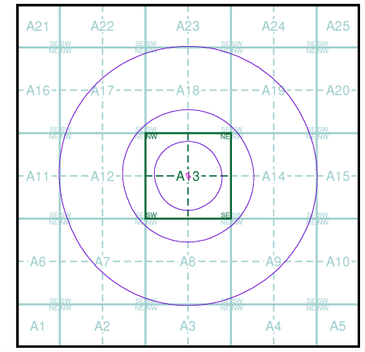
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice A



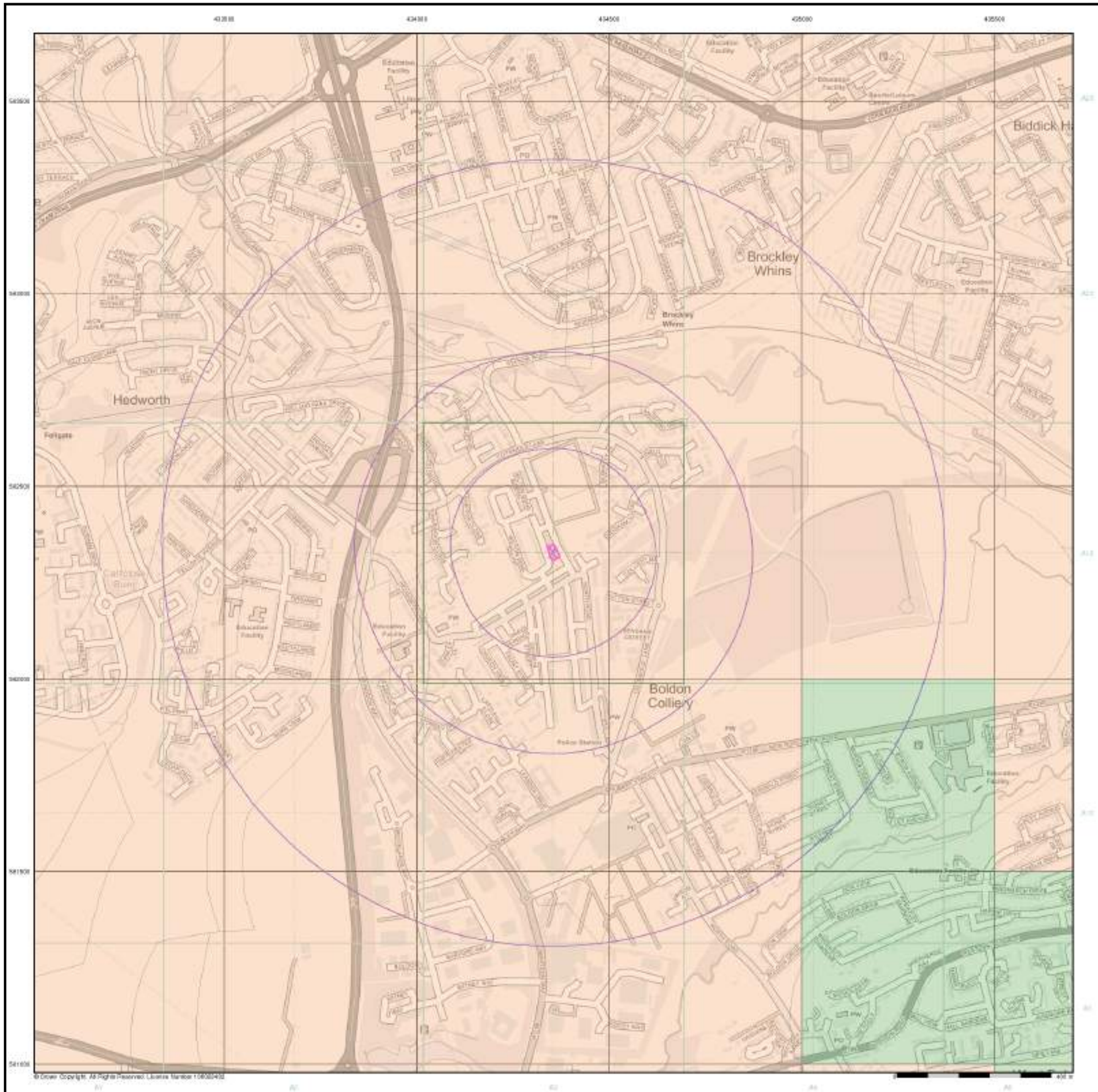
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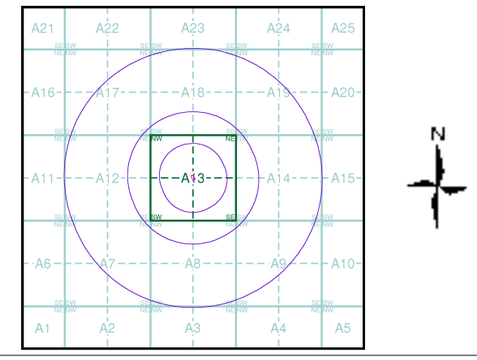
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice A



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